



GABRIEL SANDBERG

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Front-end Developer | UX/UI Designer

MY OBJECTIVES

As both a Front-end Developer and Interaction Designer, I bring a strong ability to merge creative design with solution-driven architecture. By leveraging modern frameworks and AI-powered tools, I help projects get on track faster and with smarter outcomes. I deliver rapid prototyping and scalable applications with JavaScript, Vue, Nuxt, and Svelte, transforming mockups into high-performance Web and PWA solutions.

EDUCATION

AI & Cybersecurity (LIU.se 2024)
Mobile Apps Development (DU.se),
OO JAVA programming (LTU.se), JavaScript
(UU.se), Database Design (UMU.se), Graphic
Design/Illustration/Communication
(BERGHS.se), International Marketing/
Trade/Entrepreneurship (UU.se + MIUN.se).
IOT Appdev Arduino/Android (HKR.se)

MAIN SKILLS

HTML5, SCSS, Tailwind	
JS, Vue, NUXT, Svelte	
UX/UI Design	
Hybrid apps/PWAs	
Rest APIs, NoSQL	
CI/CD Server Security	

STRENGTHS

Creative	
Solution oriented	
Communicative	
Helpful teamplayer	

LANGUAGE

Swedish	
English	
French	

BEST OF 2010-2025

Front-end Dev & UX/UI Design | [tjata.eu AI Chatbot](#) | [TypeScript Nuxt 4 Vue SCSS Tailwind CSS](#)
Front-end Dev & Graphic Design | [Cookbook eBook](#) | [ePUB3.3/Print/PWA](#) from 1 code-base
Front-end Dev | [Norconsult](#) | [Svelte Tailwind](#) GIS Geolocation Vanilla JavaScript Playwright
Front-end Dev | [Todoprio.com](#) | [Svelte PWA Android app Tailwind](#) Hailuo AI Video IndexedDB
Front-end Dev Test | [Verksamf.se](#) | [TypeScript Nuxt 2 Vue Tailwind SCSS Cypress Elastic WCAG](#)
Front-end Dev | [Lexly](#) | [Angular 12 SCSS](#) Reactive forms Authentication MVP Prototyping
Front-end Dev | [NDA Australia](#) | [Vue 3 Tailwind CSS Figma ChartJS MVP Prototyping](#)
Front-end Dev | [IN.se](#) | [TypeScript Vue 3 Vuex 4 Tailwind CSS Rest API Prototyping](#)
Front-end Dev & UX/UI Design | [Yngre.NU](#) | Vanilla JavaScript [PWA](#) Web Comp. Push not.
Front-end Dev & UX/UI Design | [Nordexia](#) | Ionic 4 [PWA](#) Shop Android. Stripe Payment solution
Front-end Dev | [IKEA/TCS Älmhult](#) | [Angular 7 PWA](#) + Desktop/Mobile App for printing signs
Front-end Dev | [CGI/Af](#) | [Angular 7 UX/UI NGRX RxJS SCSS WCAG 2.1 Prototyping MVP](#)
UX/UI Usability Testing | [Swedbank \(Swedish bank\)](#) | InVisionApp and device testing
Front-end Dev | [Daniel Wellington](#) | [TypeScript Angular 5+6](#) Multilingual Web I10n/i18n
Front-end Dev | [Tele2/Comviq](#) | [AngularJS](#) JavaScript HTML CSS3 C# .NET MVC
Front-end Dev & UX/UI Design | [Diabetes Tools](#) | WordPress theming Ubuntu Server Admin
Front-end Dev & UX/UI Design | [AngularJS](#), Ionic app wit Server rendering SSR
Front-end Dev | [Nexus Group](#) | jQuery Mobile HTML5 CSS3 JavaScript Access Gateway
Front-end Dev | [menyou.com](#) | Ruby on Rails SASS jQuery Mobile
Quality Assurance/testing, Tech lead | [Oslo City Govern](#) | Browser/device testing
Front-end Dev | [POOL \(gronalund.com\)](#) | jQuery Mobile HTML 5 CSS3 PSD EPI
Front-end Dev & UX/UI Design | [Nilfisk.se](#) | jQuery Mobile HTML CSS Filemaker Pro
Front-end Dev & UX/UI Design | [TeliaSonera](#) | JQTouch HTML CSS Prototyping

TECH SKILLS

[AI Coding Assistants like Cody AI/Amp](#), [Gemini](#), [GH Copilot](#), [Cybersecurity ISO](#),
[Native PWAs](#), Mobile apps, [EPUB 3.3](#), [Responsive Web](#), [HTML5](#), [CSS3](#), [SASS](#), [SCSS](#),
[Vue](#), [Nuxt 2-4](#), [Svelte](#), [Vanilla JavaScript](#), [Angular](#), [Ionic](#), [StencilJS](#), [Capacitor](#), [Cordova](#),
[TypeScript](#), [Web Components](#), [JSX](#), [RXJS](#), [VUEX](#), [Vanilla JavaScript/CSS](#), [Node.js](#), [NPM](#),
[Tailwind CSS](#), [Bulma CSS](#), [Bootstrap](#), [ngx/ng-Bootstrap](#), [jQuery](#), [Zurb Foundation](#),
[Rest APIs](#), [Google Cloud \(GCP\)](#), [Google Auth/Google Identity](#),
[JSON](#), [IndexedDB](#), [Web Storage](#), [MongoDB/Realm/SQL/DB Design](#), [MySQL](#), [MariaDB](#),
[WCAG 2.2](#), [Web Security](#), [Web Speed Optimization](#), [Ubuntu NGINX Server Security](#),
[Playwright](#), [Test Automation](#), [A/B test](#), [Cypress](#), [Protractor E2E](#), [Selenium](#), [Sentry](#),
[VSCode](#), [Octopus Deploy](#), [Team City](#), [Gitlab](#), [Github](#), [Bitbucket](#), [JIRA](#),



Methods, technologies & software used

TypeScript, Nuxt 4 (SSR), Vue 3.5, Vite 7, Nitro 2.12.6, Prisma 6 + SQLite, Zod, @vite-pwa/nuxt (Workbox), Shiki v2, Node 20, pnpm, NGINX, PM2, GitLab CI/CD, VSCode with Claude Code, Github Copilot, and Amp AI coding assistants, Tailwind CSS 3.3, WCAG 2.2.

My role in the project

Front-end Developer (Nuxt/Node), UX/UI Designer, Solution Architect, DevOps, Server Admin.

Front-End Developer, UX/UI Designer, Solution Architect

AI Chatbot PWA | Nuxt 4 Vue 3.5

Feb 2025 –

Project description

Developed a scalable, EU-compliant ChatGPT-style platform with Swedish and French AI models, ensuring all data stays within the EU for privacy and compliance. Designed using dark navy and gold color scheme with an EU lock emblem, reinforcing security and European identity. Built a mobile-first interface with markdown rendering, Shiki code syntax highlighting, and image generation. Released as PWA at [Tjata.eu](https://tjata.eu)!

Delivered an **offline “native app” feel** through PWA caching, prime cache, DNS prefetch, and route/component preloading. Chat lists and recent conversations load instantly, even offline, while SSE streams handle real-time messages when online.

Implemented **six authentication methods** (BankID, Magic Links, Google, GitHub, Apple, Email/Password), **several AI model providers** (Swedish, French and OpenAI), and real-time intelligent web search (Tavily) with streaming responses. Applied a scalable layered Nuxt 4 architecture with TypeScript, Prisma ORM, Zod validation, repository pattern, and shared types between back-end and front-end.

Architecture & Solutions:

- Used *Nuxt 4 with SSR* for fast time-to-first-byte, SEO-friendly rendering, and secure session handling with server-side cookies.
- Organized code into *Nuxt layers*: auth (login/guards), base (config/network), chat (features/UI), and marketing (public pages).
- Deferred heavy UI via *ClientOnly*; sidebar loads as a skeleton in SSR and hydrates client-side for smoother interaction.
- *Preloaded key routes/components* at login to make post-login navigation feel instant; combined with critical CSS for stable hydration.
- Added *PWA with Workbox SWR caching*: short TTLs for API reads, long-lived static asset caching via NGINX.
- Built a *session-scoped prime cache* with background prefetch + DNS prefetch/preconnect, enabling instant chat list loads and fast mobile performance.

Deployed on hardened Ubuntu with NGINX and PM2 with NodeJS at [Tjata.eu](https://tjata.eu).



Front-End Developer & Graphic Designer

Cookbook eBook | ePUB3.3/Print/PWA

Feb 2025 –

Methods, technologies & software used

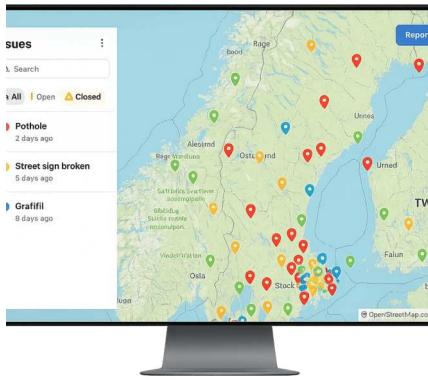
EPUB 3.3 Markup, Vanilla JavaScript, CSS, Adobe InDesign, Adobe Photoshop, Amp AI coding assistant, GH Copilot, ChatGPT, GitLab Pages CI/CD.

My role in the project

Front-end Developer, Graphic Designer, DevOps, Server Admin

Project description

Multiplatform Cookbook Project (Amazon Kindle, Print, Web & Android App). Designed and developed a cross-platform cookbook to be distributed as Amazon Kindle eBook, print edition, responsive website, and Android app. The project originated in Adobe InDesign, where the visual design and print-ready layouts were created, and was later converted into EPUB 3.3 and HTML5 for digital publishing. A preview draft is available at: yngre.nu/cookbook.pdf. New revisions of the book could later be professionally printed directly from the HTML version, keeping all platforms synchronized and digital assets managed from one server for print, eBook and Web releases.



Methods, technologies & software used

Vanilla JavaScript, TypeScript, Svelte 3-4, SvelteKit, C#, Tailwind CSS, SASS/SCSS, JIRA, Playwright, QGIS, TeamCity, Octopus Deploy, Bitbucket, SCRUM.

My role in the project

Senior Front-end Developer, GIS Specialist

Senior Front-End Developer

GIS Developer at Norconsult Municipal Geolocation Platform

Feb 2024 – Feb 2025

Project description

Software development of enterprise-scale geolocation-based issue tracking platform serving Swedish and Norwegian local government authorities, spearheaded complete system migration from legacy Knockout MVVM framework to modern Svelte 4/SvelteKit architecture using TypeScript and Vanilla JavaScript. Engineered advanced interactive mapping functionalities integrating QGIS spatial analysis with real-time coordinate tracking and municipal boundary management.

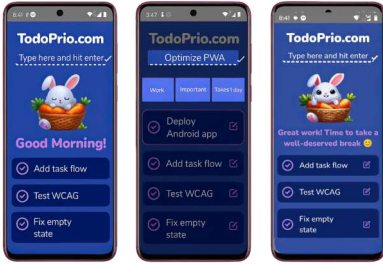
I built comprehensive **message/notification system using Svelte 4** reactive stores and Tailwind CSS responsive design supporting multi-language municipal communications, and advanced notification system.

Implemented C# backend integration for seamless data synchronization across government databases, using CI/CD pipeline and TeamCity automated builds with Octopus Deploy for zero-downtime municipal service deployments.

Conducted end-to-end testing using Playwright automation ensuring system reliability for critical municipal operations

Lead SCRUM development cycles through Bitbucket version control and JIRA project tracking.

I also studied **AI and Cybersecurity** via Liu.se during company-sponsored professional development initiatives



Methods, technologies & software used

Svelte, SvelteKit, TypeScript, Capacitor, IndexedDB, Vite, Playwright, CSS Custom Properties, Android Studio.

My role in the project

Full-Stack Developer, Mobile App Developer, UX Designer, Solution Architect

Full-Stack Mobile Developer & Mobile App Designer

Android app & Desktop/Mobile PWA Cross-Platform Task Management App

Jan 2023 – Feb 2024

Project description

Developed and designed a semi-AI cross-platform todo application, re-leased at [TodoPrio.com](https://todoprio.com) as a PWA, and as an Android app, featuring intelligent priority-based task management with AI-powered motivational feedback system.

Can be installed from Windows/Mac (Desktop): Visit [TodoPrio.com](https://todoprio.com) → Look for install icon in address bar → Click "Install". On Android devices (Chrome/Edge) Tap "Install". On iOS devices (Safari only) Share button → "Add to Home Screen".

The app combines advanced sorting algorithms with intuitive touch interactions to deliver a premium mobile-first user experience.

Key Technical Achievements: • Implemented priority calculation algorithm using weighted scoring ($\text{priority} \times 1.2 + \text{estimate} \times 1.7 + \text{age decay} \times 0.7$) • Built offline-first architecture with IndexedDB for seamless data persistence across devices • Created responsive touch interface with swipe gestures (150px threshold) and haptic feedback • Developed adaptive AI mascot system with contextual motivational messaging based on task complexity

Mobile Optimization: • Cross-platform deployment using Capacitor for native iOS/Android performance • Viewport-responsive typography using CSS custom properties and vmin units • Background audio integration with lazy-loaded sound effects for user interactions • Custom splash screen and app branding with 1-second launch optimization

Advanced Features: • 10-level time estimation system (10 minutes to 1 month) with dynamic priority adjustment • Real-time category filtering across 5 predefined categories (General, Work, Shoplist, Wishlist, Notes) • Intelligent task aging algorithm with automatic priority escalation over time • Edit mode overlay system with 5-second auto-timeout and visual feedback states

Technical Implementation

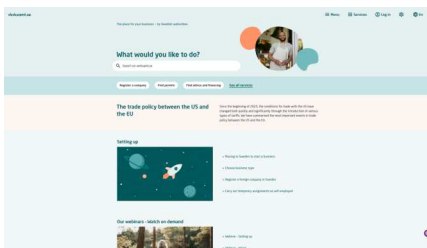
Frontend Architecture: Built with SvelteKit and TypeScript, utilizing reactive declarations and stores for optimal performance. Implemented CSS custom

properties for comprehensive theming system supporting light/dark modes with brand-consistent color palette.

Data Management: Designed robust IndexedDB integration with transaction-based operations, ensuring data integrity and offline functionality. Implemented debounced user interaction handling to optimize performance and battery life.

Mobile Development: Configured Capacitor with HTTPS scheme for enhanced security, integrated native splash screen with custom branding, and optimized for Android deployment with Gradle build system.

Performance & Testing: Set up Playwright for end-to-end testing, implemented lazy loading for audio assets, and created efficient sorting algorithms to handle large datasets without performance degradation.



Methods, technologies & software used

Vue, Nuxt2, TypeScript, Tailwind CSS, SASS/SCSS, WCAG 2.1, Figma, Cypress, Elastic Search Enterprise, Kibana, BlazeMeter, jMeter, Grafana, SSR, Drupal Headless CMS, GraphQL, JIRA, Confluence, Miro, Lando, Docker, Kubernetes.

My role in the project

Front-end Developer, QA Engineer, SCRUM Master

Front-End Developer QA Engineer

Vue/Nuxt Tillväxtverket Government Digital Services

Feb 2022 – Oct 2022

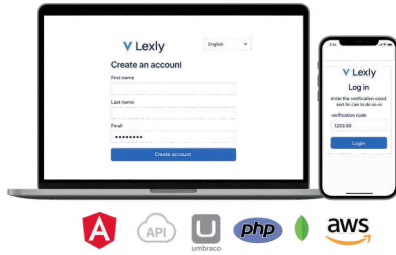
Project description

Full-scale redesign and development of Verksam.se (Swedish Government Agency for Economic and Regional Growth) using Vue.js/Nuxt2 with TypeScript, implementing enterprise-grade component libraries shared across multiple government authorities via NPM distribution, architected WCAG 2.1 compliant interfaces with Tailwind CSS and SASS/SCSS while maintaining high coding and design standards through comprehensive testing strategies using Cypress for E2E automation.

I implemented Elastic Search Enterprise with Kibana for performance monitoring, BlazeMeter/jMeter for load testing, integrated headless Drupal CMS via GraphQL APIs, managed containerized deployments using Docker.

Conducted cross-functional SCRUM ceremonies managing 8-member development and UX teams with JIRA/Confluence documentation and Miro collaborative planning sessions, delivered pixel-perfect Figma design implementations while maintaining strict government accessibility standards.

I also participated in the company-sponsored weekly SCRUM training with cross-agency teams from different government authorities.



Front-End Developer

Lexly | Angular 12 Reactive Forms 2 Factor Authentication

Sep 2021 – Jan 2022

Project description

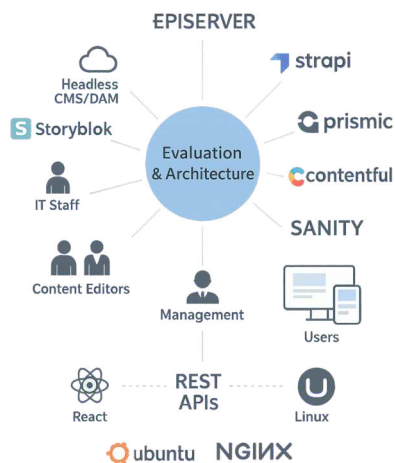
Front-end development, (prototyping to MVP) of a web interface to create accounts in a CRM via Rest API, and login with email and SMS two factor verification, with JWT Refresh token. To be integrated both in the Umbraco .NET CMS and a Wizard UI, built in PHP. I created multi-lingual Angular Reactive forms from Figma UX mockups and connected to backend API endpoints. I also built a MongoDB backend which was hosted in AWS by DevOps while waiting for the real backend to be finalized by the Backend Developers. From November I replaced a PO (Product Owner) and project managed Front-end Developers, Backend Developers, DevOps, an UX Designer, a Translator and 2 QA testers in Ukraine. I created/prioritized JIRA issue tickets, and coded, coordinated with other PM/POs and stakeholders in Sweden/Brazil. I also set up Git AWS pipelines for Dev/Stage/Prod to AWS together with DevOps and reviewed front-end pull requests.

Methods, technologies & software used

Angular 12, Rest API, PWA, RXJS 6, JWT, Web API, MongoDB, Node.js, NPM, localization, TypeScript, Visual Studio Code, Git, JIRA, SCRUM, AWS, ISO 27001, Sentry, Kali Linux, Netsparker, BrowserStack, POEditor.

My role in the project

Front-end Developer, Project Manager/PO



Solution Architect Cyber Security Engineer Dunderdog AB

Headless CMS Evaluation

Jan 2020 – Aug 2021

Project description

Solution architecture for Dunderdog's client. Analyzing the organization needs, and the current different solutions shortcomings. Finding the optimal IT infrastructure while considering current staff skills, and different departments roles/ownerships. Striving towards a more flexible, future proof solution where all different teams for different brands can cooperate easier and become more efficient in each role. I evaluated 15 different headless CMS/DAM which should accommodate both IT staff, Content Editors, and the management team, still adding more value to the customers/users of apps and web compared to current solutions tested, as well as making UX, front-end and back-end team more independent of each other. The current main tech stack consisted of EPiServer, React, Rest APIs, Prismic, ImageVault. I set up extra secure and fast Linux Ubuntu 20.04 NGINX servers for Dunderdog's clients, moved their WordPress installations to the new servers, and gave support. I also mentored their trainee.

Methods, technologies & software used

Rest API, EPiServer, Microservices, Strapi.io, Prismic, Contentful, Netlify CMS, Agility CMS, Sanity, Ghost, Storyblok, Cosmicjs, GraphCMS, Linux Ubuntu, NGINX.

My role in the project

DevOps, Solution Architect, Web Server Admin



Front-End Developer NDA Australia

Vue 3 Tailwind CSS Chart.js

Apr 2021 – Jun 2021

Project description

Developed and a dashboard application MVP using Vue 3 and Tailwind CSS, based on responsive Figma UI mockups. Implemented data visualizations with a Vue wrapper for Chart.js line graphs and integrated a json-server to simulate API-driven table data.

Built a dynamic SVG icon system, loading files once and inlining SVG paths on-the-fly to enable state-based styling while keeping markup lightweight. Collaborated with backend developers working on a Firebase backend, ensuring seamless integration.

Applied strict Airbnb JavaScript linting, conducted rigorous code reviews, and delivered pixel-perfect UI/UX quality assurance to maintain high coding and design standards.

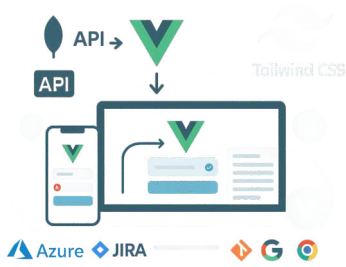
Confidential Project, and subject to NDA, no further details available.

Methods, technologies & software used

Vue 3, Chart.js, Tailwind CSS, SCSS, CSS3, HTML5, JavaScript, Figma, Photoshop, Firebase, JSON, json-server, NodeJS, YARN, VSC, Github, Loom, Slack.

My role in the project

Front-end Developer



Front-End Developer | IN.se

Vue 3 Tailwind CSS Prototyping

Oct 2020 – Dec 2020

Project description

Developed and prototyped a Vue 3.0 web application with Vuex 4 state management and REST API integration. To accelerate development, I set up a json-server and MongoDB as a fake API, enabling efficient testing and iteration before backend delivery.

Methods, technologies & software used

Vue 3.0 · Vuex 4 · REST API (Axios) · TypeScript · Tailwind CSS · SCSS · CSS3 · HTML5 · JavaScript · Vee-Validate 4 · json-server + MongoDB (mock API) · Visual Studio Code · Visual Studio Community · EPiServer · Chrome Vue Devtools · VS Code Vue Debugger · JIRA · Git Graph · Git Kraken · Azure

My role in the project

Front-end Developer



Methods, technologies & software used

- **Front-End & Styling:** Native CSS variables, W3C Web Components, Shadow DOM & Shadow Parts styling, Vanilla JavaScript & CSS, CSS3, HTML5
- **Browser-Native APIs:** Notifications API, Push API, Vibration API, Web Workers API, Custom Elements, ES6 Modules
- **Accessibility & Standards:** WCAG 2.1 compliance, W3C standard APIs
- **Mobile & Native Integration:** Capacitor, Cordova Plugin APIs
- **Development Tools:** Visual Studio Code, Kite (AI-assisted coding), Git Graph, Git Kraken
- **Testing & Optimization:** GTmetrix, Lighthouse (100% score), BrowserStack (cross-device and cross-browser QA)
- **Infrastructure:** Configured and secured a high-performance Linux Ubuntu 20.04 server with NGINX for deployment

My role in the project

Front-end Developer, Back-end Developer, UX/UI Designer, Solution Architect

Front-End Developer & UX/UI Designer

PWA Web Push Notifications

Jan 2020 – Sep 2020

Project description

Designed and developed a **Progressive Web App (PWA)**, Yngre.nu, for web and native Android, built entirely with **Vanilla JavaScript Web Components**—no frameworks. Implemented modern **W3C browser-native APIs** including Notifications API, Push API, Vibration API, Web Workers, Custom Elements, Shadow DOM, HTML Templates, and ES6 Modules.

Implemented **native lazy loading** in plain JavaScript and used **CSS variables** (no SASS) for theming. Dark/light modes switch at runtime via `style.setProperty()`.

Ensured compatibility with [webcomponents.org polyfills](https://webcomponents.org/polyfills). For content and data, started with **MongoDB Compass/Atlas**, then migrated to **Strapi (headless CMS)** for easier management. For multilingual content, integrated **Crowdin.com**, finally replacing Strapi. A single codebase was packaged into a **native Android app** using Capacitor.

This personal R&D project explored the possibilities, challenges, and limitations of going fully “browser-native” instead of frameworks such as Angular, Vue, React, or Svelte. The content theme, “*how to stop ageing—or even age backwards*”, is available at Yngre.NU.

Key Achievements

- Single web codebase also compiled to Android with Capacitor.
- Kept footprint minimal—about **10 final source files**—while maintaining rapid dev speed with IDE AI (Kite/Tabnine).
- Verified excellence with a **100% Chrome Lighthouse score** for performance, accessibility, best practices, and SEO.
- Extensive cross-platform QA via **BrowserStack** plus testing on Mac, PC, Android, and iOS.

Challenges

- Limited Web Components examples/resources (Stack Overflow, etc.).
- Extra effort for Safari/iOS polyfills.
- Migration from deprecated HTML Imports to ES6 Modules (standards evolve, albeit less disruptively than typical frameworks).



Front-End Developer

Methods, technologies & software used

Ionic 4, StencilJS, Redux, Capacitor, Cordova, JSX, Firebase, Google Sheets API, TypeScript, SCSS.

My role in the project

Front-end Developer, UX/UI Designer, Solution Architect

Nordexia Ionic 4 Web Shop PWA

Aug 2019 – Dec 2019

Project description

Designed and developed a progressive web app (PWA) and native mobile versions using Ionic 4 and StencilJS, built with standards-based W3C vanilla JavaScript web components. Implemented Redux for efficient state management and seamless user interactions across platforms.

Connected to Google Sheets API for easy update of product data and prices via Excel by company staff.

In addition to front-end and UX/UI responsibilities, I configured and deployed the project on a Linux Ubuntu server with NGINX, ensuring a secure and optimized production environment.



How to read the price tag?

Product type and name

This is the price you pay.
(MRP is for reference only)

The bottom part tells you where to pick up your items.



Make Everyday Brighter

Front-End Developer IKEA/TATA (TCS) Älmhult

Angular 7

Jun 2019 – Jul 2019

Project description

Front-End Debugging for Angular 7 Cross-Platform App (Web, Windows, Android, iOS) Contributed to debugging and refining an Angular 7 application developed for IKEA's in-store communication and signage system. The solution replaced legacy desktop software with a modern, cross-platform mobile and desktop app, enabling store staff to create and print price tags and communication signs in multiple sizes and languages directly on demand.

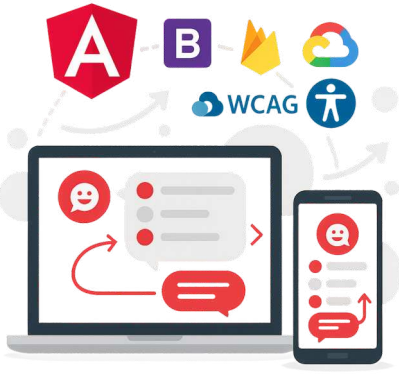
The app streamlined workflows by allowing employees to quickly replace missing signs and introduced smart layout features to combine orientations and optimize paper usage, significantly reducing waste in store printing facilities while improving operational efficiency.

Methods, technologies & software used

Angular 7, TypeScript, Angular Material, SCSS, HTML5, CSS3.

My role in the project

Front-end Developer



Front-End Developer Arbetsförmedlingen/CGI

Angular 7 Prototyping

Mar 2019 – May 2019

Project description

Developed a wizard-style stepper guide with a chatbot-inspired interface using Angular 7 for itch.co (Acando / CGI.com Sweden), to be used by the Swedish Public Employment Service. Focused on rapid prototyping to explore and demonstrate interaction concepts during agile sprints, delivering both HTML5/JavaScript animation mockups and Angular 7/Material interaction animations.

Delivered an MVP in Angular 7 with ng-Bootstrap 4 as the final handover. Collaborated closely with a WCAG 2.1 accessibility expert at the Swedish Public Employment Service (Arbetsförmedlingen), which significantly enhanced the project's compliance and accessibility standards.

Methods, technologies & software used

Angular 7 · ngrx API · RxJS · NGX ·
Node.js · Google Cloud Platform
(GCP) · Google Auth · Firebase ·
TypeScript · ng-Bootstrap 4 ·
Angular Material · SCSS · CSS3 ·
HTML5 · WCAG 2.1 · Adobe XD ·
Photoshop (PSD) · Git Kraken ·
Visual Studio Code · Azure/Kudu ·
SCRUM · Trello

My role in the project

Front-end Developer



Front-End Developer & UX/UI Designer

Conversion-Oriented UX Design

Oct 2018 – Nov 2018

Project description

Designed and developed a **minimalistic, responsive website** for gabriel.nu with a strong focus on **performance, usability, and conversion-oriented UX design**. Built with the **Bulma CSS framework** (Flexbox-based) and **PHP**, the site delivers **instant page loads**, fast interactions, and a clean interface that adapts gracefully to all devices and orientations.

The UX/UI follows a purposeful minimalism: lightweight code for speed and SEO, clear visual hierarchy for fast decision-making, and careful responsiveness for consistent experiences across screen sizes.

Methods, technologies & software used

Bulma CSS, CSS3, HTML5, PHP.

My role in the project

Front-end Developer, UX/UI Designer, Solution Architect



UX/UI Tester | Swedbank - Swedish bank

Nov 2016 – Dec 2018

Project description

Contributed to the rebuild of Swedbank.se and the Swedbank mobile app by conducting usability testing across different desktop and mobile devices. Evaluated interaction flows and user interface behaviors, providing actionable feedback and recommendations to improve usability, accessibility, and overall customer experience.

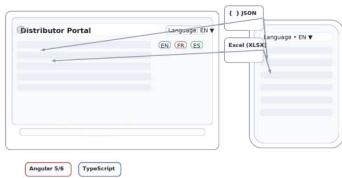
Sessions were conducted remotely in collaboration with Swedbank's UX/UI designers and project managers, using InVisionApp for interactive app prototypes, GoToMeeting screencasts for web interface evaluations, and phone conferences for discussion and iteration.

Methods, technologies & software used

Usability testing, InVisionApp, GoToMeeting.

My role in the project

UX/UI Usability tester



Front-end Developer Daniel Wellington

Angular 5 Multilingual web (l10n/i18n)

May 2018 – Aug 2018

Project description

Contributed to Daniel Wellington's **global distributor shopping platform** by designing and implementing **multilingual functionality** in Angular 5 (SCSS, TypeScript).

- Automatic **language detection** from browser preferences.
- **Runtime language switching** with instant UI updates.
- Persistent **cookie-based preference** for returning visitors.

To streamline translation at scale, I **extracted hard-coded copy to JSON** and provided structured **Excel templates** (with formulas) to handle character limits and **auto-generate JSON**. The solution supported **nested variables**, **HTML tags**, and **database-driven error/status messages** inside translation strings.

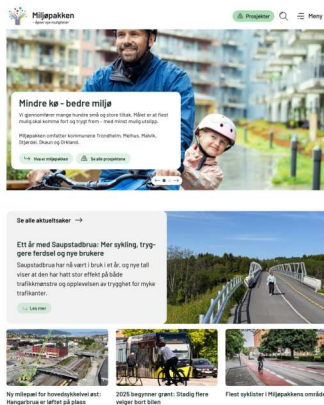
I built a **rapid Angular 6 prototype** for stakeholder demos, then integrated the final **l10n/i18n** features into the production **Angular 5.1 website**. Collaborated with QA and the dev team to define **testing procedures** and ensure consistent multilingual behavior across markets and devices.

Methods, technologies & software used

Angular 5–6 · TypeScript ·
JavaScript (ES6) · HTML5 · CSS3 ·
SCSS/SASS · JSON · Visual Studio
Code · Git Kraken · Bitbucket · NVM
· NPM · Webpack · Microsoft Excel ·
SCRUM · Microsoft Teams

My role in the project

Front-End Developer — prototyping, l10n/i18n implementation, translation workflow design, and multilingual QA.



Methods, technologies & software used

WordPress, Bootstrap, CSS3/SASS, HTML5, JavaScript, Vagrant, Gulp.

My role in the project

Front-end Developer

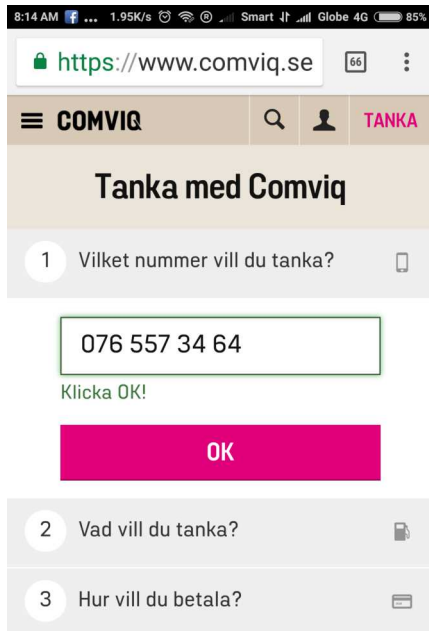
Front-End Developer | Bekk.no

HTML, CSS3, JavaScript

Jul 2017

Project description

Contributed remotely to the responsive WordPress website for Trondheim City's environmental program miljøpakken.no. My role focused on front-end development improvements, bug fixing, and final QA testing across mobile, tablet, and desktop devices. Ensured cross-browser and cross-platform compatibility, optimized responsiveness for different screen resolutions, and improved site performance and stability before launch.



Methods, technologies & software used

Angular · JavaScript (Core/Vanilla) · HTML5 · CSS3 · LESS · SASS · SCSS · Bootstrap · Zurb Foundation · Rest API · Magento · C# · .NET MVC · Razor · JSON · Grunt · Gulp · Bower · BankID · DIBS payment integration · Visual Studio 2013/2015 · Atom · WebStorm · Brackets · Fiddler · Postman · Visio/Draw · Selenium · Protractor · Karma · Jasmine · Maxymizer (A/B tests) · GitKraken · GitExtensions · SourceTree · JIRA · SCRUM/Kanban · TeamCity · Octopus Deploy · Continuous Development

My role in the project

Front-End Developer — Angular & JavaScript front-end engineering, CSS architecture, UX optimization, API integration, and collaboration across distributed teams.

Front-End Developer Tele2/Comviq

(1 Telecom Operator, 2 brands)

Mar 2015 – Mar 2016 + Jul 2016 – Oct 2016

Project description

Started as a 3-month assignment building a rapid Angular/WordPress prototype, later extended to over a year of ongoing front-end development and UX work for Tele2/Comviq. Key contributions included:

- **Comviq.se consumer website** — daily maintenance, UX improvements, and a mobile-optimized [SIM top-up interface Comviq.se/tanka](https://www.comviq.se/tanka). Built interaction logic with Angular, integrating multiple APIs to adapt UX dynamically to customer data (subscription type, credibility, balance, etc.). Implemented both front-end (Angular) and back-end (C#) filtering, and connected multi-page forms with live data retrieval (.NET MVC Razor ViewBags).
- **UX collaboration** — worked closely with teams and leadership in Sweden and Ukraine to refine UX/BX, improve technology choices, and streamline workflows.
- **Tele2.se projects** — developed a new order flow and a bulk-order interface for B2B customers. Stack included SCSS, Foundation, Angular, Rest API, jQuery, and Magento eCommerce.

Throughout the contract I contributed approx. 70% Angular/Core JavaScript, 20% CSS3/LESS/SASS, and 10% C# back-end services. Daily collaboration with the Ukraine team was managed from the Tele2 office in Sweden (via Skype, JIRA, Join.me).



Front-End Developer & AEM/YouTube Administrator

MRM//McCann: Toyota, Nike

May 2014 – Aug 2014

Project description

Delivered front-end work across multiple international brand assignments at MRM//McCann:

- **Responsive WordPress websites** for SJ, Kristallen, and Vattenfall — HTML5, CSS3, PHP, JavaScript, SQL, and WordPress administration.
- **Responsive email templates** for Toyota — built and tested with HTML & CSS.
- **Toyota YouTube channel** — content administration, sections/playlists creation, and linking.
- **Nike.com support** — assisted Adobe CQ5/AEM editors across *Europe, China, Africa, and the US*.
- Completed **Adobe CQ5/AEM training** provided by Adobe (US).

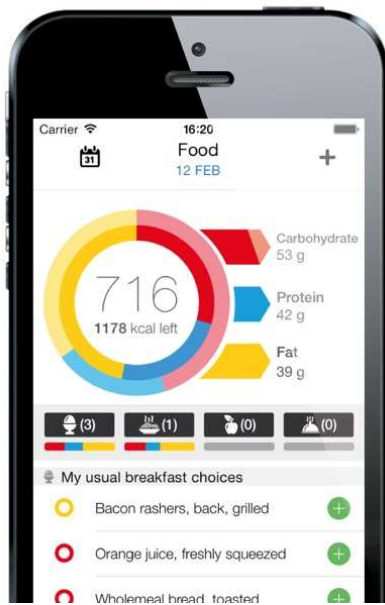
Methods, technologies & software used

HTML5, CSS3, PHP, JavaScript, MySQL, Adobe Photoshop.

My role in the project

Front-end Developer

Control your diabetes,
your way



Methods, technologies & software used

WordPress · HTML5 · CSS3 ·
Bootstrap · SCRUM · Asana · Adobe
Photoshop

My role in the project

Front-end Developer, UX Designer,
Solution Architect

Front-End Developer & UX/UI Designer | Diabetes Tools AB

Mar 2013 – Aug 2013

Project description

Designed and developed three multilingual responsive WordPress websites with Twitter Bootstrap, optimized for phone, tablet, and desktop. Built separate sites for B2B and B2C audiences, with individual product websites and Geo IP detection to restrict markets. Also redesigned the corporate website.

My Responsibilities

Created page designs aligned with updated product and company branding. Configured the server, installed and administered WordPress, and adapted theme CSS/HTML to the new design. Optimized installation and code for enhanced security and SEO.

PM comment: ***You are inhumanly fast, thank you!***



Front-end Development | Nexus Group
Responsive web portal and app for secure remote access with the Hybrid Access Gateway

Methods, technologies & software used

jQuery Mobile · jQuery · JavaScript · JSON · HTML5 · CSS3 · SCRUM · Git · AgileZen · Trac · Ajax · Polyfills · Modernizr · Adobe Photoshop · Visual Studio · Notepad++

My role in the project

Front-end Developer

Front-End Developer Nexus Group, NexusSafe.com

Aug 2012 – Dec 2012

Project description

Contributed to the Nexus Hybrid Access Gateway app and responsive web portal, providing secure and convenient remote access for employees to enterprise resources, partner-hosted systems, and cloud services. The gateway supported cost-efficient user authentication for online banking, e-commerce, and e-government services, with built-in support for a wide range of two-factor authentication (2FA) methods including mobile apps, OTPs, smart cards, software tokens, and third-party eIDs such as Swedish BankID.

Delivered pixel-perfect adaptation of design mockups, ensuring a native-app-like user experience across all devices (BYOD). Built as a Single Page Interface with instant tab switching, favorites management via JSON/Web Storage, and broad compatibility across iPhone, iPad, Android, Blackberry, Windows Phone 8, Symbian, and all modern browsers.

Thoroughly tested on 30+ devices, with automated browser testing using Selenium and server virtualization.

My Responsibilities

Developed the user interface in HTML5, CSS3, jQuery Mobile, jQuery, JavaScript, and JSON, based on Adobe Fireworks/Photoshop design mockups.



Front-End Developer menyou.com

WordPress and Drupal CMS integrations

Jun 2012 – Jul 2012

Project description

Simplified the integration of artists' micro-stores into CMS platforms such as WordPress and Drupal, and upgraded a static design into a responsive, fluid front-end that adapts seamlessly to mobile, tablet, and desktop. Built a responsive HTML5/CSS3/jQuery Mobile interface prepared for Ruby on Rails JSON endpoints, and delivered a real-time live search UI to improve content discovery and conversion.

About Menyou

Menyou enabled creators to launch micro-stores in a few clicks and sell digital content—music, film, photography, books—while keeping up to 90% of the revenue. The mission: a community-driven, creator-first marketplace that shifts power away from large corporations.

My Responsibilities

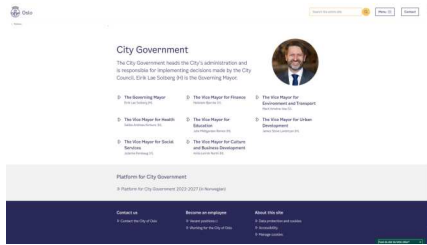
- Adapted existing Ruby on Rails (SLIM/SASS/CSS) for cross-device responsiveness and CMS embedding.
- Made micro-stores plug-and-play across mobile and desktop sites.
- Designed and implemented a real-time live search interface using HTML5/CSS3/jQuery Mobile/JavaScript/JSON.
- Collaborated with backend developers to integrate JSON-based endpoints in Rails.

Methods, technologies & software used

jQuery Mobile · Ruby on Rails ·
SLIM · JSON · HTML5 · CSS3 · SASS ·
Sublime Text · Adobe Photoshop ·
Git · SCRUM

My role in the project

Front-End Developer



Quality Assurance Tester & Technical Lead

Oslo City Government

May 2012 – Jun 2012

Project description

Responsive web solution for The Scandinavian 8 Million City project — a cross-border initiative involving three countries, four metropolitan regions, and two capitals. The project highlights that 8 million of Scandinavia's 19.3 million inhabitants live in the corridor between Oslo and Copenhagen. The web platform was built to adapt seamlessly across mobile, tablet, and desktop devices. HTML5/CSS3/JavaScript front-end layouts were integrated into the MODx WCM (CMS).

My responsibilities

- Served as Front-End Technical Lead / QA for the final testing phase.
- Coordinated with a remote development team in India to ensure pixel-perfect implementation of front-end layouts in MODx.
- Conducted extensive cross-browser and cross-device compatibility testing across mobile, tablet, and desktop environments on various OS and resolutions.
- Ensured design fidelity and consistency with the original art direction provided by A&O Design Oslo for the Oslo City Government.

Technologies & tools

JavaScript · HTML5 · CSS3 · MODx WCM · Asana (issue tracking / project management)

Methods, technologies & software used

JavaScript, CSS3, HTML5, MODx WCM.

My role in the project

Quality Assurance, Testing, Technical Lead



Front-End Developer | POOL

Gröna Lund, gronalund.com

Apr 2012

Project description

A new mobile Web for the amusement park Gröna Lund enhanced the user experience.

My responsibilities/actions

Rapid prototyping with CSS3, HTML5 and jQuery Mobile from the Art Director's Photoshop mockup. A lot of emphasis was put on creating "a native app feel" and to increase the speed, interactivity and usability of the Web site. Pixel-perfect converting from Photoshop PSD. The code was built to be easily integrated into EPiServer's .NET environment and to be easily maintained by the back-end developers.

The Web application was designed and developed to be compatible with most mobile devices like iPhone, Android, Windows Phone, Bada, Symbian and BlackBerry but also to work fine on most tablets. POOL handled art direction and back-end development.

Methods, technologies & software used

jQuery Mobile, jQuery, CSS3, HTML5, JavaScript, and PHP. Adobe Photoshop was used to produce the Retina sprites and images from the mock-up. Project management via Basecamp. The application was later integrated into EPiServer's .NET environment by the POOL developer team.

My role in the project

Front-end Developer



Front-End Developer & UX/UI Designer | Nilfisk

Methods, technologies & software used

jQuery Mobile · jQuery · AJAX · JavaScript · HTML5 · CSS3 · JSON · PHP · Adobe Dreamweaver (front-end coding) · Adobe Photoshop (mock-ups & prototypes)

My role in the project

Front-end Developer, GUI Designer, User Experience Designer, Solution Architect

Oct 2011 – Feb 2012

Project description

Developed a real-time live search application (produkter.nilfisk.se) optimized for mobile devices and tablets, enabling Nilfisk resellers to quickly find product information. The interface was designed to deliver faster, more intuitive browsing across product categories compared to the previous Joomla CMS solution. Performance and usability were key: results appeared instantly, navigation was seamless with one-thumb touch browsing, and the application was built to be fun, lightweight, and efficient.

My responsibilities

- Designed and implemented the responsive UI using jQuery, jQuery Mobile, HTML5, CSS3, and JSON.
- Created adaptive layouts that adjusted items, columns, and spacing dynamically based on device type (phone or tablet).
- Used AJAX/HIJAX to ensure real-time search results updated instantly without page reloads.
- Optimized for minimal CPU, bandwidth, and HTTP requests to ensure smooth performance on mobile hardware.
- Tested and verified compatibility across iPhone, iPad, Android, Windows Phone, Bada, Symbian, and BlackBerry.



Front-End Developer & UX/UI Designer

TeliaSonera (Swedish Telecom Operator)

July 2010 – June 2011

Methods, technologies & software used

JQTouch · Dojo · JavaScript · HTML · CSS · AJAX · iPhone Web App · Adobe Photoshop (mock-ups, animations) · Adobe Dreamweaver (front-end coding)

My role in the project

Front-End Developer · GUI Designer · UX Designer · Solution Architect

Project description

Delivered two major front-end projects for TeliaSonera. First, a web-based iPhone shopping app (2010/09 – 2010/10) that streamlined the purchase of iPhone accessories directly within the Telia self-service app. Second, a Quattro-play multi-selector MDI interface for Telia.se (2010/07 – 2010/12) that simplified the configuration of complex product/service packages and improved conversion rates through a more transparent and adaptive interface.

Responsibilities & actions

- Designed and implemented user interaction flows and front-end interfaces for both projects.
- For the iPhone shopping app: created UX/UI mock-ups in Photoshop, presented as interactive web animations for stakeholders, then coded the final UI using JQTouch, HTML, JavaScript, and CSS, integrated with Telia's e-trade system.
- For the Quattro-play MDI: designed and developed a streamlined ordering process with AJAX-powered on-the-fly price updates and adaptive product communication, minimizing steps and increasing order completion rates. Supported campaign-specific flows with preconfigured URL parameters.
- Ensured cross-stakeholder alignment by providing mock-up animations and HTML prototypes during design approval phases.
- Project managed sales optimization initiatives for Telia.se, ensuring measurable improvements in conversion and customer experience.
- Authored strategic briefs for external web agencies to guide the design and development of a new corporate website.
- Planned and executed A/B tests in close collaboration with Telia's advertising agency to refine messaging and UX flows.
- Evaluated and compared CMS and sales platforms to recommend solutions aligned with business and technical requirements.