2023 August

GABRIEL SANDBERG
FRONT-END DEVELOPER

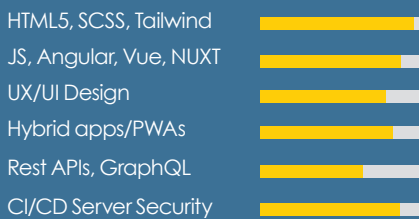Gabriel.NU, Frejgatan, Stockholm, Sweden

MY OBJECTIVES

As both a Front-end Developer and Interaction Designer, I can identify more possibilities in user interface design and solution architecture. Your project gets on-track faster, and at a price that will make you smile!

I deliver rapid prototyping with JavaScript/Vue/NUXT/Angular/Tailwind CSS from Adobe XD/Figma mockups to Web/PWA.

EDUCATION

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, Angular, Vue, NUXT
UX/UI Design
Hybrid apps/PWAs
Rest APIs, GraphQL
CI/CD Server Security

STRENGTHS

Creative
Solution oriented
Communicative
Teamplayer

LANGUAGE

Swedish
English
French

INDEX 2015-2023

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1: Front-end Dev Ops Test | *NDA* | NUXT 2-3 Vue SCSS PM2 Algolia Google Identity CI/CD

1: Front-end Dev Test | *Verksamt.se* | NUXT 2 Vue Tailwind SCSS Cypress Elastic WCAG 2.1

2: Front-end Dev | *Lexly* | Angular 12 SCSS Reactive forms Authentication MVP Prototyping

2: Solution Architect Ops IT Security | *Dunderdog* | Rest API Headless CMS WordPress Ubuntu

3: Front-end Solution Architect | *FEU* | Vue 3 NUXT Rest API PWA SSR Headless CMS PM2 CI/CD

3: Front-end Dev | *NDA Australia* | Vue 3 Tailwind CSS Figma ChartJS MVP Prototyping

4. Front-end Dev | *Private* | Ionic 5 Angular 10 Google Cloud Firebase (Chat interface)

4. Front-end Dev | *IN.se* | Vue 3 Vuex 4 TypeScript Tailwind CSS Rest API Prototyping

2019

5. Front-end Dev & UX/UI Design | *Yngre.NU* | Vanilla JavaScript Web Components Push not.

6. Front-end Dev & UX/UI Design | *Nordexia* | Ionic 4 Shop Android. Stripe Payment solution

6. Front-end Dev | *IKEA/TCS Älmhult* | Angular 7 PWA + Desktop/Mobile App for printing signs

6. Front-end Dev | *CGI/Af* | Angular 7 UX/UI NGRX RxJS SCSS WCAG 2.1 Prototyping MVP

7. Front-end Dev & UX/UI Design | *Gabriel.NU* | Responsive Web HTML BULMA, CSS3

2018

8. UX/UI Usability Testing | *Swedbank (Swedish bank)* | InVisionApp and device testing

8. Front-end Dev | *DanielWellington* | Angular 5+6 Multilingual Web l10n/i18n

2017

9. Front-end Dev & UX/UI Design | *NDA* | Hybrid Ionic PWA App, Cordova Map API

10. Front-end Dev | *Bekk.no* | WordPress HTML CSS3 Testing + Bug fixing

2016 2015

10. Front-end Dev & UX/UI Design | WordPress Angular 4 Ionic Cordova PWA

11. Front-end Dev | *Tele2/Comviq* | AngularJS HTML CSS3 C# .NET MVC

TECH SKILLS

Native PWAs, Mobile apps, Responsive Web

HTML5, CSS3, SASS, SCSS, LESS, JavaScript

Vue 3, Nuxt 2-3, Angular 1-12, Ionic 1-6, StencilJS, Capacitor, Cordova, Electron

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, GraphQL, Google Cloud (GCP), Google Auth/Google Identity,

Firebase, MongoDB/Realm/SQL/DB Design, MySQL, MariaDB, JSON, Web Storage

WCAG 2.1, Web Security, Web Speed Optimization, Ubuntu NGINX Server Security

Test Automation, A/B test, Cypress, Protractor E2E, Selenium, Sentry, Octopus

Android Studio, Xcode, MacOS, Windows 10, Secure Ubuntu 20.04 NGINX Server

Front-end Dev | NDA | Vue Nuxt 2-3 SCSS Tailwind PM2 Algolia Google Identity
Period: Jan-current 2023

Project description
Vue/Nuxt 2-3, Tailwind CSS, SCSS, full stack development and server setup (Ubuntu, NGINX, NodeJS, NVM, PM2). Upgraded the website from Nuxt 2 to Nuxt 3. Implemented Algolia Search and Google Identity in Vue. I further set up an SSH connection between Gitlab and the live Ubuntu server and created a deploy pipeline for a more efficient CI/CD workflow. I optimized the Ubuntu/NGINX server for security and performance, now also running the Nuxt 3/NodeJS app on PM2 daemon process manager for 0 downtime. Optimized the Tailwind CSS/SCSS to be more easily maintained and less repeated.

Methods, technologies & software used
Vue, Nuxt 2-3, Tailwind CSS, SASS/SCSS, PM2, Algolia AI Search, Google Identity, Ubuntu, NGINX, JIRA, Experience Design, Cyber Security.

My role in the project: Front-end Developer, Back-end Developer, DevOps, Server Admin

Front-end Dev Test | Verksamt.se | Vue Nuxt 2 SCSS WCAG Tailwind Cypress
Period: Feb-Oct 2022

Project description
Vue, Nuxt2, Tailwind CSS, SCSS, front-end development and testing of verksamt.se (Swedish Government agency for economic and regional growth). Lots of focus in reusing Vue/CSS components among several different Swedish government authorities via common libraries (NPM). Implemented the new design of Verksamt.se from Figma design sketches, in close cooperation with the design team. As a Tester I used several methods, software, and frameworks to test the new web site, and documented bug reports in JIRA. As a SCRUM Master I had regular SCRUM Master education, and a fantastic Agile Coach providing excellent guidance in every sprint.

Methods, technologies & software used
Vue, Nuxt2, Tailwind CSS, SASS/SCSS, WCAG 2.1, Figma, Cypress, Elastic Search Enterprise, Kibana, BlazeMeter, jMeter, Grafama, SSR, Drupal Headless CMS, GraphQL, JIRA, Confluence, Miro, Lando, Docker, Kubernetes.

My role in the project: Front-end Developer, Tester, SCRUM Master

Front-end Developer | Lexly | Angular 12 Reactive forms Authentication
Period: 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 (JSON Web Token), Web API, MongoDB, Node.js, NPM, localization/internationalization, TypeScript, JavaScript, Visual Studio Code, Git, JIRA, SCRUM, AWS, ISO 27001 IT Security Management, Sentry testing SDK, Kali Linux, Netsparker, BrowserStack, POEditor.

My role in the project: Front-end Developer, Project Manager/PO

Solution/UX/UI Fullstack | FEU | Vue Nuxt Rest API PWA SSR Algolia
Period: Jul-Aug 2021

Project description
I built a Vue 3, SSR Nuxt, Tailwind CSS PWA and connected a selfhosted Strapi headless CMS and Cloudify DAM with Rest API for easy, scalable, and performant content management. I used Algolia search API to filter and customize the user experience.

I set up PM2 NodeJS process manager for zero downtime and auto deploy via CI/CD pipeline (Github actions), including load balancing through multiple Node instances to scale across multiple CPUs. Used NGINX for caching on a Linux Ubuntu 20.04 server at DigitalOcean. I also setup the Linux Ubuntu NGINX web server to be extremely secure + fast, and installed Strapi on the server.

Methods, technologies & software used
Vue, Nuxt, Tailwind CSS, Rest API, PWA, SSR, Algolia, Strapi Headless CMS, Cloudify DAM, WCAG, Ubuntu

My role in the project: Front-end Developer, Back-end Developer, UI/UX Designer, DevOps, Server Admin, Solution Architect.

Solution Architect/IT Security | Dunderdog AB | Rest API Headless CMS

Period: Jan 2020 – Aug 2021 (several part time assignments)

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 CMS, Storyblok, Cosmicjs.com, GraphCMS, Linux Ubuntu, NGINX

My role in the project: DevOps, Solution Architect, Web Server Admin

Front-end Development | NDA | Vue 3 Tailwind CSS ChartJS Prototyping Figma

Period: April -June 2021

Project description

Front-end development, prototyping (MVP for an Australian company) with Vue 3, Tailwind CSS from Figma responsive UI mockups. I used a Vue wrapper for the Chart.js line graphs data visualizations and json-server for the fake API to table data. I loaded SVG icon files dynamically and inlined the SVG path on-the-fly to manipulate SVG styles depending on state, still with only one server request, and keeping markup size low. The Firebase backend was setup by backend Developers. Vigorous code reviews and pixel perfection QA. Strict Airbnb JS lint.

Methods, technologies & software used

Vue 3, Chart.js, Tailwind CSS, SCSS, CSS3, HTML5, JavaScript, Figma, Photoshop, Firebase, JSON, json-server, NodeJS, YARN, VSC, Github pull requests, Loom daily standup videos, Slack PM, Meet for demos.

My role in the project: Front-end Developer

Front-end Development | Private | Ionic 5, Angular 10, Firebase
Period: Jan - April 2021

Project description
Front-end development/UX design of chat app (PWA Android IOS) with Ionic 5, Angular 10. I also set up the Google Cloud Firebase Real time database, GC Firebase storage, Google Cloud app Authentication.

Methods, technologies & software used
Ionic 5, Angular 10, TypeScript, Cordova, SCSS, CSS3, HTML5, JavaScript, Firebase, Node.js, VSC GitLens

My role in the project: Front-end Developer, UX/UI Designer

Front-end Development | IN.se | Vue 3.0 Prototyping Rest API
Period: Oct - December 2020

Project description
Front-end development/prototyping of a web site with Vue 3.0, Vuex 4 and Rest API. I set up a json-server + MongoDB as fake API.

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 as fake API, Visual Studio Code, VS Community, EPiServer, Chrome Vue Devtools, VS Code Vue Debugger for Chrome, JIRA, VSC Git Graph, Git Kraken, Azure.

My role in the project: Front-end Developer

Front-end Development | Vanilla JavaScript PWA Web Push Notifications
Period: Jan - Sep 2020

Project description

Front-end development & UX/UI design of a PWA, web site + Native Android PWA, built with pure Vanilla JavaScript Web Components (no framework), using W3C standard browser-native APIs like Notifications API, Push API, Vibration API, Web Workers API, custom elements, shadow DOM, HTML Templates, HTML Imports/E6 Modules/JS Imports. I used native lazy loading instead of the Intersection Observer API for lazy loading in plain JavaScript. I also used the new browser native variables for CSS instead of SASS (so no need for preprocessors).

This was a personal project to try out the new possibilities, challenges, and limitations by already using only "browser native" JavaScript/CSS components instead of frameworks like Angular, VueJS, Svelte, React etc. The content theme for this project is also future related, on "how to stop ageing, or even age backwards" (URL: Yngre.NU).

I used https://www.webcomponents.org/polyfills to support older browsers. I also compiled an Android app from the same code base with Capacitor. For the content management and JSON endpoint I first used Mongo DB Compass and Atlas clusters, but later replaced it with Strapi headless CMS for easier content management. For the multi-lingual version I finally used Crowdin.com for both translations and text content management.

Conclusion: I generally had to write slightly more code compared to working with Nuxt, Angular or React, but the total number of final code files were a fraction (only 10), and with IDE AI like Kite or Tabnine, coding was as fast as for the frameworks. The final app scored live 100% on performance, accessibility, best practices, and SEO, with Chrome Lighthouse. In the Devtool's Element Inspector, the styles with CSS variables are displayed as how you write them, so no need to set up mapping. Overriding values can be done programmatically by `style.setProperty()` and the related styles change accordingly, in run- time. So, you can reuse a variable and assign a different value on run-time, which was smooth for switching the dark/light themes.

The mayor challenges were to find help/examples at Stackexchange etc as not many are using web components still, and also tricky with Safari and MacOS/IOS polyfills. HTML imports were not supported anymore, and had to be replaced with ES6 modules, so even W3C has breaking changes, although of course by far not as many as Angular, Vue, React etc. I performed device testing on Mac, PC, Android and IOS devices, and several browser/display/device combinations at Browserstack.

Methods, technologies & software used

Native variables for CSS, W3C Web components, Vanilla JavaScript/CSS, Shadow DOM/Shadow Parts styling, W3C standard browser-native APIs, WCAG 2.1, Capacitor, Cordova Plugin APIs, CSS3, HTML5, Visual Studio Code, Kite, Git Graph, Git Kraken, GTmetrix, Lighthouse, Browserstack, MacOS Catalina, Windows 10. I also set up an extra secure and fast Linux Ubuntu 20.04 Server with NGINX.

My role in the project: Front-end Developer, Back-end Developer, UX/UI Designer, Solution Architect

Front-end Development | Nordexia | Ionic 4 Web Shop
Period: Aug -December 2019

Project description
Front-end development & UX/UI design of a web shop (PWA, iOS, Android), built with Ionic 4 and StencilJS using standard W3C vanilla JavaScript web components, and Redux for state management. I also set up the Linux Ubuntu, NGINX web server for this project.

Methods, technologies & software used
Ionic 4 web components, StencilJS, Redux, Capacitor, Cordova Plugin APIs, JSX, Vanilla JavaScript, Shadow DOM styling, Node.js, Firebase Google Cloud GCP, TypeScript, SCSS, CSS3, HTML5, Visual Studio Code, VSC GitLens, Git Kraken, Chrome Redux Devtools, Linux Ubuntu, NGINX.

My role in the project: Front-end Developer, UX/UI Designer, Solution Architect

Front-end Development | IKEA/TATA (TCS) Älmhult | Angular 7
Period: June-July 2019

Project description
Front-end debugging of an Angular 7 app (Web/Windows/Android/iOS). IKEA had an old desktop software for printing, price tags, and communication signs in different sizes/languages in their stores. With the new Angular based mobile/desktop app, staff in the stores could directly print new lost signs and minimize paper waste in the stores' printing facilities by combining orientation of different signs.

Methods, technologies & software used
Angular 7, TypeScript, Angular-Material, JavaScript, SCSS, CSS3, HTML5, Chrome Redux Devtools, Visual Studio Code, VSC GitLens, Sourcetree, SCRUM, JIRA.

My role in the project: Front-end Developer

Front-end Development | AF/itch.co (Acando/CGI) | Angular 7 Prototyping
Period: Mar-May 2019

Project description
Front-end development of a wizard stepper guide (as a chatbot interface) with Angular 7 for itch.co (Acando/CGI). Rapid prototyping to visualize interaction ideas and concepts for sprint demos. Both with quick HTML5, JavaScript animation mock-ups, and Angular 7/Material interaction animations. MVP as a final delivery in Angular 7 + ng-Bootstrap 4. A WCAG 2.1 expert at AF learned us a lot.

Methods, technologies & software used
Angular 7, ngrx API, RxJS, NGX, Node.js, Google Cloud GCP, Google Auth, Firebase, TypeScript, ng-Bootstrap 4, Angular-Material, SCSS, CSS3, HTML5, WCAG 2.1, Adobe XD, PSD, Git Kraken, Visual Studio Code, Azure/Kudo, SCRUM, Trello.

My role in the project: Front-end Developer

Front-end Development & UX/UI Design | Responsive Web with BULMA
Period: Oct-Nov 2018

Project description
Front-end development and UX/UI Design of responsive web, with a minimalistic approach to coding. I built the website using the BULMA CSS framework (based on Flexbox), and PHP.

I designed the UX/UI in a minimalistic way to achieve extremely fast interaction, as well as an instant landing page download experience. The interface should quickly convert to action with an effective interactive communication and an easy-to-use interface, still index well in search engines and be well optimized for all devices and view modes (gabriel.nu).

Methods, technologies & software used
Bulma CSS framework, CSS3, HTML5, JavaScript, PHP, Linux Ubuntu, NGINX.

My role in the project: Front-end Developer, UX/UI Designer, Solution Architect

UX/UI usability testing | Swedbank (Swedish bank)
Period: Nov 2016 – Dec 2018 (as different one-day-sessions for 2 years)

Project description
During the rebuild of the Swedbank.se website and mobile app I was testing the user interface interaction on different mobile and desktop devices, giving advice and inspiration to improvements.

The sessions were performed remotely directly with Swedbank UX/UI designers and Project Managers, using InVisionApp (for app prototypes), GoToMeeting screencasts (for web interfaces) and phone conferences.

Methods, technologies & software used
Usability testing, InVisionApp, GoToMeeting.

My role in the project: UX/UI Usability tester

Front-end Development | DW | Angular 5 Multilingual web (l10n/i18n)
Period: May - August 2018

Project description
Front-end development of a website built with Angular 5, SCSS and TypeScript for Daniel Wellington Sweden. I implemented multi-language support for Daniel Wellington's global distributor shopping website. Language choice should automatically adapt to the web browser preferences. Users should also be able to switch languages on the fly (at runtime), and their language choice should be saved in the cookie for next visit. I developed testing procedures together with the development team and QA. I also extracted/structured the originally hard-coded copy text into JSON translation files and ordered translations with prepared MS Excel files (taking care of max characters, automatic JSON generation etc.).

I first created a rapid prototype in Angular 6 to highlight the functionality to stakeholders. Later implemented localization/internationalization functionalities in the current Angular 5.1 website, taking care of nested variables and html tags in the JSON translation strings, as well as error/status messages from component classes/views and directly from databases. I created the JSON files via formulas in the MS Excel files I provided to the translators.

Methods, technologies & software used
Angular 5-6, TypeScript, JavaScript, HTML5, CSS3, SASS/SCSS, ES6 JS, Visual Studio Code, Git Kraken, Bitbucket, NVM, NPM, Webpack, MS Excel, SCRUM, MS Teams.

My role in the project: Front-end Developer

Front-end Development & UX/UI Design | Hybrid Ionic Cordova PWA App

Period: Aug 2017-April 2018

Project description

Front-end development and UX/UI Design of a hybrid Ionic PWA (Progressive Web App). I built the app using Angular 4, Ionic 3, geolocation, SASS, TypeScript, Cordova, and a PHP Rest API. The app is compatible with iOS/Android WebView (shareable with Facebook Messenger WebView, Instagram, Telegram), as well as with mobile and desktop browsers like Chrome, Firefox, IE and the Android Browser.

The app is also installable as a native iOS app and as a native Android app. I made the app's UX design using Adobe XD prototyping tool, but with the Ionic framework's UI elements in mind. I did the "code version" of the rapid prototyping with Ionic 3 and Angular 4, using a JSON API mockup.

The Ionic PWA UX consists of three 3 different views (tabs/pages), showing WordPress members and their personal data in both a list view, and in a map view, as well as map marker popups for more detailed user data. I designed the list view, showing only the most important data, to achieve both fast load time and to give a cleaner and better overview of all members.

Lazy load and infinite scroll were used for rapid easy scrolling. The Cordova map API and Google map API were used to calculate WordPress members' distance to the user's device (phone/tablet/desktop computer). I first created a PHP/MySQL Rest API for prototyping/mockup purposes, but it was later made as a WordPress plugin by a Backend Developer.

Methods, technologies & software used

Angular 4, Ionic 3, Cordova, TypeScript, JavaScript, HTML5, CSS3, SASS/SCSS, ES6, Gulp, Bower, Rest API, WordPress, Unit testing, Selenium, Protractor, Linux Ubuntu 16.04, NGINX, Visual Studio Code, Git Kraken.

My role in the project: Front-end Developer (Full stack), UX/UI Designer, Solution Architect

Front-end Development | Bekk.no | WordPress, HTML, CSS3, JavaScript
Period: July 2017

Project description
Remote Front-end development of a responsive WordPress site for Trondheim City: miljopakken.no. End testing face; improvements, bug fixing and browser compatibility testing for mobile/tablet/desktop browsers and miscellaneous OS and resolutions.

Methods, technologies & software used
WordPress, Twitter Bootstrap, CSS3/SASS/SCSS, HTML5, JavaScript, Vagrant, Gulp, NPM, Visual Studio Code, GitKraken.

My role in the project: Front-end Developer

Front-end Development & UX/UI Design | WordPress, Angular + Hybrid Ionic Cordova App
Period: Nov 2016 – June 2017 + April to June 2016 (at Tele2 July – Oct 2016)

Project description
Front-end development and UX/UI Design of a WordPress site + Google maps integration with Ionic/Angular and remote data via WordPress API. Created a PHP, MySQL Rest API and built a hybrid app with Cordova and Ionic. I also optimized the WordPress landing page performance and conversion rate, and improved the security on the WordPress installation, Linux Ubuntu 16.04 NGINX server.

Methods, technologies & software used
WordPress, Angular 4, Ionic 3, Cordova, TypeScript, JavaScript, HTML5, CSS3/SASS/SCSS, ES6 JS, Gulp, Bower, Rest API, Unit testing, Selenium, Protractor, Linux Ubuntu 16.04, NGINX, Visual Studio Code, GitKraken.

My role in the project: Front-end Developer (Full stack), UX/UI Designer, Solution Architect

Front-end Development | Tele2/Comviq (1 Telecom Operator, 2 brands)
Period: March 2015 to March 2016 + July to Oct 2016

Project description
Front-end development with Angular, JavaScript Core, HTML5, CSS3, Rest API, Bootstrap, Foundation, LESS, SASS, SCSS (in .NET MVC with Razor). Originally a 3 months' gig 2015 for rapid prototyping of an Angular/WordPress interface. Later extended to include miscellaneous daily maintenance of the Comviq.se consumer Web site, and a new mobile optimized sim-top-up-interface for Comviq.se: https://www.comviq.se/nya-tanka (for mobile only). The work also included fine tuning and improvements of UX design. Made the interface interaction logic with Angular, communicating with several APIs to adapt the UX showing relevant UX elements/data based on customer's selections, subscription type, credibility, saldo etc. Made filtration both in the front-end (Angular) and in the backend (C#). Passed data via back-end for multi-page forms, used Angular to retrieve live data changes. Discussed UX/BX improvements/technology choices with several teams/leaderships at Tele2 both in Stockholm and Ukraine.

During the last period, July-Oct 2016, I worked on a new order flow for the TELE2.se Web site and a bulk order interface for TELE2.se B2B customers. The work comprised SCSS (SASS), CSS, Zurb Foundation, JavaScript, Angular, Rest API, jQuery and the Magento eCommerce Platform. Collaborating daily remotely with our Ukraine team from the Tele2 Office in Sweden (Skype, JIRA, Join.me).

During my one-year + 3months contract at TELE2/Comviq I worked with C# backend models/services 10% of the time, .NET MVC + core JavaScript and Angular (1.3-1.4) 70% and CSS3/LESS/SASS 20%.

Methods, technologies & software used
Angular, JavaScript Core (Vanilla), HTML5, CSS3, LESS, SASS, SCSS, Twitter 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 for Flowcharts, Unit testing/E2E tests (Selenium, Protractor, Karma, Jasmine), A/B tests with Maxymizer, GitKraken, GitExtensions, SourceTree, JIRA, SCRUM/Kanban, Team City, Octopus Deploy, Continuous Development.

My role in the project: Front-end Developer

Front-end Development & UX/UI Design | Angular + Ionic App

Period: Oct 2014 to Feb 2015

Project description (Angular-Developer.com)

"Appified" Web built with Angular, Ionic, JSON, HTML5, CSS3 (on a Node.JS Express server), for a high- performance, instant, real time interactive user experience. When I designed the UX/UI I had main focus on making it easy to (live) filter projects on skills, and to make it easy to go back and forth between the list view and details view, still showing enough graphics, to give an initial quick overview of the projects. The "feel" should be "app-ified" in the sense of instant navigation with 0 waiting time between views, still history kept, to make it easy to go back step by step in the user interaction flow.

My responsibilities/actions

As a Designer I did the user interaction design. As a Web Developer I installed Linux Ubuntu 12.04 on a VPS and installed/configured a LEMP server with nginx, php-fpm, MySQL, Node.JS, Express, UFW firewall and fail2ban. As a Front-end Developer I built a Single Page App (SPA) with Angular, Ionic, JSON, HTML5 and CSS3. I also installed Prerender.io on the Linux Ubuntu, NGINX server to compile the HTML on the server for user Agent bot visitors like Google and BING, for SEO purposes.

Methods, technologies & software used

Angular, Ionic, Node.JS, JSON, Yeoman, Grunt, npm, HTML5, CSS3, Git, LEMP, Linux Ubuntu, NGINX.

My role in the project: UI/UX Designer and Front-end Developer.

Front-end Development | MRM//McCann: Toyota, Nike

Period: May to Aug 2014

Project description

Responsive WordPress sites for SJ, Kristallen, Vattenfall (front-end-dev HTML5, CSS3, PHP, JavaScript, SQL, WordPress administration). Responsive email templates for Toyota (front-end-dev HTML, CSS). Toyota YouTube channel (admin, creation of sections, playlists, linking etc.). Support for the Nike.com site for Adobe CQ5/AEM Editors in Europe, China, Africa, and US. I got CQ5 education from Adobe US.

Methods, technologies & software used

HTML5, CSS3, PHP, JavaScript, MySQL, Adobe Photoshop CC. Sublime Text, SQL benchmark, IIS server, SVN, JIRA, Asana, WordPress, Adobe CQ5, AEM.

My role in the project: Front-end Developer.

Front-end Development | MRM//McCann: Vattenfall.se

(European Electricity Producer), Buying Process Flow UI
Period: Aug 2014

Project description
Responsive shopping flow interface for Vattenfall (http://elavtalsguiden.vattenfall.se).
Front-end-development HTML, CSS, jQuery. Further pixel perfect development of the shopping
interface from the Art Director's Photoshop PSD. Real time update on prices to make it easier for
the user to decide on choices.

Methods, technologies & software used
HTML5, CSS3, jQuery, Modernizr, SVN.

My role in the project: Front-end Developer.

Front-end Development | Joomla + Angular
Period: Jan to May 2014

Project description
Joomla CMS + Angular + Node.JS | website + app

My responsibilities/actions
As a Designer I did the user interaction design, GUI design, and user experience design. As a Web
Developer I installed and configured Joomla + Extensions on a LEMP server and built a Single Page
App (SPA) with Angular JavaScript MVC (MV*) framework, JSON, HTML5 and CSS3. As a Mobile App
Designer/Developer I designed a user interface for mobile devices using Angular Mobile. I also set up
the LEMP server with NGINX and Node.JS.

Methods, technologies & software used
Joomla CMS, Angular, Node.JS, ExpressJS, SocketIO, Linux Ubuntu 12.04 LEMP with nginx, php-fpm,
MySQL. Adobe Photoshop. Git, Yeoman, npm, Grunt, Bower, Karma. Cloud9 c9.io as IDE.

My role in the project: UX Designer, Front-end Developer

UX/UI Design & Front-end Development | Callisto AB (callisto.se)
Period: Aug to Sep 2013

Project description
Responsive WordPress site built with HTML5 3D animations, Twitter Bootstrap and HTML5 Boilerplate. The user experience adapts to phone/tablet and desktop users.

My responsibilities/actions
HTML5 3D Animation design, user experience design, communication and HTML5, CSS3 front end development. As a Developer configured server, installed, and administered WordPress. Adapted theme CSS/HTML to the new design. Optimized code and installation for increased security, Web speed and SEO. As a Designer I optimized the design for increased action, ease of use and responsiveness.

Methods, technologies & software used
WordPress, HTML5, CSS3, Twitter Bootstrap, HTML5 Boilerplate, Adobe Photoshop.

My role in the project: UX Designer, Front-end Developer.

Front-end Development & UX/UI Design | Diabetes Tools AB
Period: March to Aug 2013

Project description
3 responsive WordPress sites built with Twitter Bootstrap to adapt the user experience to phone/tablet/desktop users. Three multilingual WordPress sites were designed and developed. Separate sites were built to target B2B vs. B2C and each product got its own website. Markets were restricted with Geo IP detection. I also redesigned the corporate Web site.

My responsibilities/actions
As a Designer designed the pages according to the new product/company branding. As a Developer I configured the server, installed, and administered WordPress. Adapted theme CSS/HTML to the new design. Optimized code and installation for increased security and SEO.

Methods, technologies & software used
WordPress, HTML5, CSS3, Bootstrap, SCRUM, ASANA, Adobe Photoshop.

My role in the project: Front-end Developer and UX Designer.

Front-end Development & UX/UI Design | Angular + Ionic App

Period: Jan to Feb 2013 (+ previously Sep to Nov 2013)

Project description (AllWindowsTablets.com)

Swipe-able magazine-like user experience design for AllWindowsTablets.com and a real time search/filtering, developed with Angular and Ionic animations for a high-performance, instant real time interactive experience.

My responsibilities/actions

As a Designer I did the user interaction design. As a Web Developer I installed Linux Ubuntu 12.04 on a VPS and installed/configured a LEMP Linux Ubuntu, NGINX server with nginx, php-fpm, MySQL, Node.JS, MongoDB, Express, UFW firewall and fail2ban. As a Front-end Developer I built a Single Page App (SPA) with Angular, JSON, HTML5 and CSS3. As a Mobile App Designer/Developer I also designed a user interface for mobile/tablet/desktop devices using Ionic. I also installed Prerender.io on the server to compile the HTML on the server for user Agent bot visitors like Google and BING.

Methods, technologies & software used

Angular, Ionic, Node.JS, JSON, Yeoman, Grunt, npm, HTML5, CSS3, Git, LEMP, Linux Ubuntu, NGINX.

My role in the project: UI/UX Designer and Front-end Developer.

Front-end Development | Nexus Group (NexusSafe.com)
Period: Aug to Dec 2012

Project description

Nexus Hybrid Access Gateway app and responsive Web portal which gives Nexus customers' employees secure and convenient remote access to central enterprise resources, partner-hosted systems, and cloud services. A software-based security gateway, also well suited for cost efficient user authentication in online banking, e-commerce and e-gov services. Off-the-shelf support for a wide range of two-factor authentication (2FA) methods, such as mobile apps, one-time passwords (OTP), smart cards, or software tokens as well as eIDs from third parties, such as Swedish BankID.

A lot of effort was put on pixel perfect adaption of the Designer's mockups, creating a consistent user experience whatever device/browser the user has (BYOD). High focus on instant interactivity with a "native-app-like touch experience". A "Single Page Interface" with instant switch between tabs. Users can add their favorite services to the API via JSON or Web Storage. Compatibility with iPhone, iPad, Android, Blackberry, WindowsPhone8, Symbian, and all major modern mobile and desktop Web browsers.
Thorough testing was performed both on hardware (30+ devices), Selenium Web browser automation and server virtualizations.

My responsibilities/actions

As a Front-end Developer, I developed the user interface in HTML5, CSS3, jQuery Mobile, jQuery, JavaScript and JSON from Adobe Fireworks/Photoshop design mock-ups.

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 Development | menyou.com

Period: June to July 2012

Project description

Simplifying the integration of artists' micro-stores in diverse CMSs like WordPress and Drupal. Making the static design more responsive and adaptive with a fluid front-end user interface.

The responsive Web design shall automatically adapt the interface to mobile devices, tablets, and desktop browsers. The HTML5/CSS3/jQuery Mobile front-end was prepared to be integrated in the Ruby on Rails environment with JSON.

My responsibilities/actions

As Front-end Developer I adapted existing Ruby on Rails code (SASS, CSS and SLIM). First task was to make the embedded/integrated micro-stores more adaptive to both mobile and desktop Web sites integration. As User Interface Designer and Front-end Developer, I also created a new real-time live search interface with HTML5/CSS3/jQuery Mobile/JavaScript/JSON to be integrated in the Ruby on Rails application via JSON.

Technologies & software used

jQuery Mobile, Ruby on Rails, SLIM, JSON, HTML5, CSS3, SASS, Sublime, Adobe Photoshop. SCRUM, Git.

My role in the project: Front-end Developer.

Quality Assurance/testing, Tech lead | A&O Design Oslo
(Oslo City Gov. - 8millioncity.com)
Period: May to June 2012

Project description
Responsive Web for the 8millioncity project. 3 countries, 4 metropolitan cities, including 2 capitals; this is The Scandinavian 8 Million City. 8 million of Scandinavia's 19,3 million inhabitants live in the corridor between Oslo and Copenhagen.

The responsive Web design automatically adapts the interface to mobile devices, tablets, and desktop browsers. HTML5/CSS3/JavaScript front-end layouts were implemented in the MODx WCM (CMS).

My responsibilities/actions
Front-end technical lead/PM of Developers in India for the end testing face; pixel perfect matching and testing of the original HTML5/CSS3/JavaScript layouts with the final MODx WCM/CMS integration. Browser compatibility testing for mobile/tablet/desktop browsers and miscellaneous OS and resolutions.

Art direction and Web design were done by A&O Design Oslo for the Oslo City Government.

Technologies & software used
JavaScript, CSS3, HTML5, MODx WCM (CMS), Asana project management tool for issue tracking.

My role in the project: Quality Assurance, testing, technical lead.

Front-end Development | POOL (Gröna Lund, gronalund.com)
Period: April 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 to the 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 did Art direction and back-end development.

Technologies & software used
jQuery mobile, jQuery, CSS3, HTML5, JavaScript, and PHP. Adobe Photoshop was used to produce the Retina sprites and images from the Adobe Photoshop mock-up. Basecamp for PM. The application was later integrated to EPiServer's .NET environment by the POOL developer team.

My role in the project: Front-end Developer

Front-end Development & UX/UI Design | Nilfisk
Period: Oct 2011 to Feb 2012

Project description
A quick real time live search (produkter.nilfisk.se) for mobile devices and tablets made it easier for Nilfisk resellers to find product information.

The main focus with the Web interface design was to make it much faster and easier to browse between products in different categories than Nilfisk's previous Joomla CMS solution. The speed in which products showed up should be impressive and it should be fun to use the application. Touch browsing with only one thumb or fingers should be a piece of cake.

My responsibilities/actions
Interface design and front-end development were done with jQuery, jQuery mobile, CSS3, HTML5 and JSON. The interface includes responsive design and customizes the number of items shown, columns, column width, etc. depending on the unit used (phone/tablet). AJAX/HIJAX was used to increase the speed interactivity and usability of the Web application.

The search result is adapted live when the user changes search terms or categories, without the need for page refresh. The application has a minimal impact on mobile devices processors. Also, used bandwidth, http requests, etc. are kept to a minimum.

The Web application was designed and developed to be compatible with most mobile devices and tablets such as iPhone, iPad, Android, Windows Phone, Bada, Symbian and BlackBerry.

Technologies & software used
jQuery mobile, jQuery, AJAX, JavaScript, CSS3, HTML5, JSON, and PHP. Adobe Dreamweaver was used to create the HTML5, CSS3 and JavaScript Web interface. Adobe Photoshop was used to create mock-up animations and prototypes for the stakeholders.

My role in the project: Front-end Developer, UX Designer, Solution Architect.

Front-end Development & UX/UI Design | TeliaSonera

(Swedish Telecom Operator)
Period: July 2010 to June 2011

Project description
Web-based iPhone shopping-app made it easier to shop iPhone accessories with the iPhone.
2010/09 - 2010/10

Responsibilities/actions
User interaction design and front-end interface development. Integration to the e-trade system. The application was built to be an integral part of the Telia self-service app. I designed the UX/UI with Photoshop but showcased the app UI for stakeholders as a web animation. After design approval I coded the UI with JQ Touch, html, JavaScript, CSS.

Technologies & software used
JQ Touch, JavaScript, HTML, CSS, iPhone Web App. Photoshop was used to create mock-up animations and HTML prototypes for stakeholders. Adobe Dreamweaver was used for coding the html/CSS/JavaScript/JQ Touch interface.

My role in the project: Front-end Developer, GUI Designer, User Experience Designer, Solution Architect.

Front-end Development & UX/UI Design | TeliaSonera
(Swedish Telecom Operator)
Period: July 2010 to June 2011

Project description
Quattro-play multi selector MDI Web interface for Telia.se. The conversion rate was enhanced via a more straightforward interface together with an on-the-fly personalized product communication. The new design allowed a better overview of the custom product package's features and pricing.
2010/07 - 2010/12

Responsibilities/actions
As a User Interaction Designer the task was to increase the number of users who succeeded to order a complicated product/service package. AJAX was used to give the user an on-the-fly price update but also an on-the-fly communication adaptation depending on where in the process the user was, and also what kind of products/services the user instantly seemed interested in.

The new design minimized the steps needed to finalize an order and offered a continuous full overview of previous choices. The time and effort needed to decide the final package was decreased and the number of completed orders was increased.

The technical solution also enabled a preconfigured interface via URL parameters to adapt the interaction flow for users arriving from different campaigns.

Technologies & software used
Dojo JavaScript library, HTML, CSS. As a Designer Adobe Photoshop was used to create mock-up animations for stakeholders. Adobe Dreamweaver was used to create the front-end HTML/CSS/JavaScript interface.

My role in the project
GUI Designer, User Experience Designer, Front-end Developer, Solution Architect