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PROJECTS

Javascript Development, Software Testing, Concepts/UX

Axel Springer SE - May 2021 - May 2022

The department NMT of Axel Springer SE is responsible for the user tracking on the various media brand websites (welt.de, bild.de, bz.de etc.). My responsibility was to consolidate and optimize the highly fragmented tracking implementations. Another big task of my assignment was the implementation of automated End-To-End tests for the user tracking on the live system. Furthermore I did a concept for an internal web application. It contains research work, a written concept with user stories and scenarios, data structures and wireframes.

- Refactoring of the existing user tracking implementations
- Creating Javascript extensions for the Tealium Tag Manager
- Automaten E2E Tests with Node.js Playwright, Testcafe and GitHub Workflows
- Research, concepts and UX for an internal web application
- Introduce common development practices and tools to the team

Frontend-/Backend-Entwicklung - Idealo

August 2020 - Februar 2021

Re-Implementation of the 'Katalog' feature of www.ideal.de.

- Research, prototype and implement high performance rendering solutions
- Server Side Rendering (SSR) with Node.js, Express und React
- Re-Implementaion of frontend components with React/Typescript

UI Library Entwicklung - Bechtle AG

Juni - Juli 2020

Development of an UI library for one of the biggest German computer hardware stores (www.bechtle.com).

- Re-Implementation of existing UI Components with HTML/CSS, Javascript (Vanilla) and Storybook

Comillo.de - Online photo gallery and digital photo frame application

Private project I am working on since 2018. It is a combination of an online photo gallery and a digital photo frame app with collaborative features.

- Concept, UX, Interface Design
- Frontend-Development with Vue
- Implementation as an progressive web app (PWA) with offline support
- Backend-Development with Node.js and Express
- Database integration (MongoDB, Redis, IndexDB)
- AWS Cloud Storage

Frontend Development - Vilua Healthcare GmbH

October 2015 - December 2019 (three assignments)

Frontend implementation of an online health coach for the Techniker Krankenkasse (health insurance).

- Development of an software architecture
- Frontend-Development with AngularJS and Angular2
- Implementation of an complex frontend build system with Gulp

Frontend Development - Neofonie GmbH

Junie 2016 - November 2017

Working on various projects for the Neofonie web agency:

- Online platform for German pharmacies (Wort und Bild Verlag - Apotheken Umschau).
- Bechtle - Online Hardware Shop
Implementation of an online shop for one of the biggest computer hardware stores in Germany (Bechtle).
- Swisscom - Digital Concert Hall
Website for a Swiss music festival.
- Artissimo - Web shop for posters and prints with online configuration

Tasks/Skills.:

- Design-Implementation with HTML/CSS/Sass
- Template Integration with the content management system Magnolia
- Frontend-Development with Javascript, Vue.js, Knockout.js
- Implementation of frontend build-systems with GulpJS

Frontend Development - WeltN24 GmbH

Februar - September 2015

Development of a `Web-Core` for the new mobile news app.

The new Welt news app was developed as a hybrid application for iOS and Android. My task was to implement a web application which could be integrated in both native apps for Android and iOS.

This included the creation of a custom Javascript API for connecting the web application with the native operating systems.

My tasks involved:

- Development of an architecture of the web application
- API definition and implementation

- Frontend-Development with Angular
- Unit Testing with Karma and Jasmine
- Design-Implementation with very high requirements concerning responsiveness

Frontend Development - Acrolinx GmbH

Mai - Juli 2014

Acrolinx provides various native software products in the field of Content Marketing. A new web application was build to also provide them as an online service.

My tasks involved:

- Design-Implementation with HTML/CSS
- Template integration in an AmberJS App

Frontend Development - Infopark AG

Februar - December 2014

Frontend-Development for the relaunch of the Hannover Rück (insurance company) website .

Infopark is a full service web agency and also provides and develops a premium Content Management Systems. I helped the internal team on the relaunch of the website which included:

- Design-Implementation with HTML/CSS
- CMS template integration
- Implementation of frontend widgets with AngularJS

Frontend Development - DILAX Intelcom GmbH

Februar - June 2014

DILAX Intelcom GmbH offers soft- and hardware products for collecting and analyze passenger data in context of public transportation.

My task was to visualize the collected data on an interactive map.

- Frontend-Development with Angular
- Google Maps API integration

Frontend Entwicklung - Immobilien Scout GmbH

Februar - December 2013

Re-Implementation of the real estate portal.

- Frontend-Development with Angular
- Pair Programming
- Test Driven Development
- Unit Testing

Design and Frontend-Development - Klaus Methfessel

Januar 2013

Design and frontend-implementation of the personal website of Klaus Methfessel (journalist).

- Webdesign
- Design-Implementation with HTML/CSS
- CMS integration

Frontend Development - DILAX Intelcom GmbH

November 2012 - August 2013

Re-design of the Davis mobile web application.

- Interface Design
- Design-Implementation with HTML/CSS
- JSF-Template integration

Frontend Entwicklung - FutureWatt / Thermondo

November 2012 - Februar 2013

Development of their new web applikation.

- Design-Implementation with HTML/CSS
- Express template integration

UX Design - e-crowd Finance AG

Mai 2012 - August 2012

UX design for bergfürst.com

UX concepts for a crowd-investing platform.

- Definition of Use Cases
- Providing Flow-Charts and Wireframes
- Implementation of click-dummies