

Johannes Drechsler

Software Developer / Mobile Web Specialist

Highly-skilled software developer with more than ten years of experience in software development and integration. Advanced knowledge of .Net development with C# and web development with JavaScript, TypeScript and the latest frameworks.

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EXPERTISE

JavaScript

TypeScript

.Net Development

Accessibility

Performance

React

Angular 12

VueJS

Responsive Design

Web Development

PWA

Service Workers

CSS

HTML5

NodeJS

Webpack 5

Flutter

React Native

RESTful APIs

Git

Regular Expressions

Innovative Ideas

Strong Problem Solving Skills

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer

BMW Group (Volke-BMW)

01/2020 - 10/2023

Greenville, USA

Achievements/Tasks

- Lead frontend developer for new marketing website from scratch using Gatsby and React.
- Lead developer for creating new testing pipeline to replace current pipeline using TypeScript, TestCafe, Jenkins, Jira custom reporter.
- Mentored, coached, trained and taught engineers and senior engineers, participated in design and code reviews. Introduced engineers to new projects, challenges and technologies.
- Improved lighthouse scores for performance, SEO, best practices and accessibility for a smart charging platform (Performance: 45% to 97%, Accessibility: 70% to 100%, Best Practices: 80% to 100%, SEO: 70% to 100%). Made platform screen reader friendly.
- Frontend developer for smart charging platform using Angular 10.
- Lead frontend developer / fullstack developer for smart ticket platform using Angular 12 and NestJS.

Software Developer / Mobile Web Specialist

Arvato Systems North America Inc.

07/2017 - 01/2020

Greenville, USA

Achievements/Tasks

- Developed new features for an award winning web platform with connections to smart devices for global automobile manufactures.
- Created and showcased a cloud platform that allows tax automation with interfaces to different vendors.
- Improved code and tuned performance for the largest member-driven, health care performance improvement company in the country (200kb less for start page load, 11 seconds off of page load using 3g).
- Developed Fiori apps using SAP Cloud Platform.
- Led 20+ people as Test Manager for one of the world's greatest fashion & home discount retailers and improved efficiency of test environment and testing team.
- Improved efficiency of test environment and testing team.

PROFESSIONAL EXPERIENCE

Consultant Digital Transformation

Arvato Systems Perdata GmbH

05/2015 - 07/2017

Leipzig, Germany

Achievements/Tasks

- Built, tested and deployed modern software products.
- Modified existing software for better error handling and performance improvements.
- Worked closely with 3 clients to analyze problem specifications and system designs.
- Planned and integrated major new enhancements to existing software systems.
- Built cross-platform applications with Electron and React Native.
- Worked closely with big teams across the country to build, test and deploy scalable and modern web platforms.

EDUCATION

Mobile Web Specialist Nanodegree

Udacity Co-Created with Google

03/2018 - 08/2018

Greenville, USA

Computer Science Expert: System Integration

Certificate of Chamber of Industry and Commerce / Berufliches Schulzentrum 7 Elektrotechnik der Stadt Leipzig

08/2013 - 08/2015

Leipzig, Germany

CERTIFICATES

Mobile Web Specialist Nanodegree (08/2018 - Present)

BIT600 Technology Fundamentals for SAP S/4HANA and SAP Business Suite (2016)

BIT615 Storing Original Documents with SAP ArchiveLink (2016)

MOC 20486 Developing ASP.NET MVC 4 Web Applications (2017)

CONFERENCES & COURSES

The Complete Flutter Development Bootcamp with Dart (06/2019)

Udacity

- Created in collaboration with the Google Flutter team

Web Performance with Webpack (07/2018)

Microsoft

- Make websites load instantly

Website Performance Optimization by Google (06/2018)

Google

- The Critical Rendering Path

JavaScript Promises by Google (04/2018)

Google

- Async Work Made Easy

ES6 - JavaScript Improved (03/2018)

Udacity

- Updates to the JavaScript language

Building High Conversion Web Forms by Google (09/2018)

Google

- Best practices for modern forms

Browser Rendering Optimization by Google (06/2018)

Google

- Building 60 FPS Web Apps

Offline Web Applications by Google (04/2018)

Google

- Using IndexedDB & Service Worker

Responsive Web Design Fundamentals by Google (03/2018)

Google

- Great Experiences on Any Device

SAP Cloud Platform Power Week Workshop (09/2017)

SAP

- Fiori business applications

LANGUAGES

German

Native or Bilingual Proficiency

English

Full Professional Proficiency