

Carsten Behrens | Résumé

Software Developer

Summary

Self-motivated, committed, effective communicator, disciplined and customer-focused. Full-stack developer with 3+ years of front-end expertise. A fast learning autodidact that loves clean code and software design. Let's create value together.

Experience

Software Developer - Otto GmbH

07/2021 - present

- Build a service platform that enables the Otto partners to access a service portfolio provided by Otto.
- Took responsibility for the frontend part of the application.
- Increased code coverage from 33% to 84%.
- Introduced integration tests and refactored the codebase to reduce bugs and maintain readability.
- Massively reduced bugs in the frontend, from 3 - 4 bug tickets per week down to almost zero.

Software Developer - Gruner und Jahr GmbH

02/2019 - 06/2021

- Build a multitenant application to render all of Gruner und Jahr's websites (e.g. stern.de).
- Took responsibility for frontend performance, web push notifications and PWA functionalities.
- Introduced an advanced performance tracking tool (SpeedCurve) to better understand our real users, visualize the impact of 3rd party libraries on our performance and debug performance issues occurring on our live system with real user data.
- Improved performance by around 20% by switching from CSR to SSR and using best practices for optimizing frontend performance.
- Developed an in-house solution to push web push notifications to millions of users.

Skills

Technologies

- React, Gatsby, Redux, Next.js, Vue.js, Vuex, Nuxt.js, Jest, Web Components, NPM, Node, Express, Spring, Koa, Micronaut, Spock, MongoDB, DynamoDB, MySQL, Docker, Terraform

Languages

- JavaScript, TypeScript, Java, Python
- HTML, CSS, SCSS, Markup, LaTeX
- German, English - both at full professional proficiency

Other

- CI/CD, E2E, Integration Tests, Unit Tests, TDD, OOP, SOLID, Functional Programming, Code Reviews
- Microservices, Web Development, REST, Git, AWS, Cloud Computing, Scrum/Agile, Google Analytics

Projects

Blogs and Open Source

- Created carstenbehrens.com and fiddit.io, both of which are blogs about programming. They get around 1.000 visitors per month.
- Blog at dev.to, with over 25.000 visitors on my posts.
- Developed a reusable scroll progress bar for Vue 3 and published it on NPM (see GitHub profile).

Education

Apprenticeship

- IT specialist for system integration (official title: Fachinformatiker für Systemintegration)