

# Carsten Behrens | Résumé

Software Developer

## Summary

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

## Skills

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- Frontend, JavaScript, TypeScript, React, Gatsby, Redux, Next.js, Vue.js, Vuex, Nuxt.js, Jest, Web Components, HTML, CSS, SCSS, Backend, Node, Express, Koa, Java, Spring, Micronaut, MongoDB, DynamoDB, MySQL, Docker, Terraform, Cucumber, Git, Linux
- CI/CD, E2E, Integration Tests, Unit Tests, TDD, OOP, SOLID, Functional Programming, Code Reviews
- German, English - both at full professional proficiency or above

## Experience

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**Full-stack Developer** – Otto (GmbH & Co KG)

07/2021 – present

- Build a dynamic service platform that enables the Otto partners to access a service portfolio provided by Otto
- Increased code coverage from 33% to 84%
- Introduced integration tests and refactored the code-base to reduce bugs and maintain readability
- Massively reduced bugs in the frontend, from 3 - 4 bug tickets per week down to zero
- Introduced TypeScript to our frontend and migrated from Nuxt 2 to Nuxt 3

**Web Developer** – Gruner + Jahr GmbH

02/2019 – 06/2021

- Build a multitenant application to render all of Gruner + Jahrs websites (e.g. stern.de)
- Took responsibility for frontend performance, web push notifications and PWA functionality
- 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

## Projects

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- 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

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