

Niklas Zantner

Full Stack Developer

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Versatile Full-Stack developer with 7 years of experience in Web-Application programming and engineering. Self-directed with expertise in Backend-For-Frontend-Architectures and user-centric interfaces. I enjoy a collaborative and supportive team environment.

Work History

Professional work in the context of software development.

2018.09 to Current

Full Stack Engineer

Self-employed, Bavaria

- Helped a medium-sized company to start a new unified customer service system for all their different product departments as the Software Architect, together with a Salesforce Engineer.
- Creating a microservice architecture draft and PoC for a medium-sized company to integrate their multitude of internal services and replacing their monolith, while keeping the functionality and allowing for a gradual switch to the new system.
- Integrating external services into a microservice architecture via RabbitMQ
- Took over a full-stack (Spring Boot and Vue/Vuetify) project
 - Planning and specifying features with the customer
 - UI design and implementation
 - Demo and incorporating customer feedback focusing on small and incremental changes
 - Review, releases, and deployment
 - Dependency management
- Migrated a clothing customization component from AngularJS to Vue.js

2016.04 to Current

Software Developer

ONE LOGIC GmbH, Passau

- Working on a data analysis platform, based on Vue and AngularJS
- Focused on a highly configurable low-code Data-visualization system
- On-boarded new working students and full-time developers in development processes, providing feedback and guidance on soft and hardskill level
- Writing E2E, unit tests and performed manual software testing to improve software quality
- Writing GraphQL and REST APIs and documentation
- Handling multiple git repositories with submodules

- Using and adapting Jenkins and later Gitlab-Ci based CI/CD environments, utilizing Docker and k8s
- Feature specification on technical, UI/UX and customer level, implementation and user demos
- Contributed ideas and suggestions in team meetings, and delivered updates on deadlines, designs and enhancements
- Designed intuitive graphical user interfaces
- Revised, modularized, and updated old code bases to modern development standards
- Merge request review, focusing on software quality and lessons learned for the reviewee
- Scrum and Kanban via Jira, including retrospectives and individual feedback

Technologies

Languages, libraries, frameworks, tools, etc.

Swagger, RAML

JavaScript, Java

Node.js, NPM

Vue, AngularJS, AngularJS Material, Vuetify, Quasar

NestJS, Spring Boot

MongoDB, PostgreSQL, Flyway

Mongoose, Helmet, GridFS, Chart.js, Highcharts, Moment.js, Lodash, Handsontable, GoJS, PDF.js

Keycloak, RabbitMQ

Babel, Webpack, Parcel

Git (Bitbucket, Gitlab, Github)

CSS, SASS

Arch Linux, Debian, Ubuntu

Education

University-level education.

2017.10 to 2020.9

Informatics, Master of Science (Final grade: 1,9)

University of Passau

Public Research

- Accelerating the Whisker Test Framework (Master Thesis)
- Snapshot Analysis in Public Cloud Infrastructures (Master Seminar)
- Search-based Testing for Scratch Programs (co-authored for SSBSE 2020)

2012.10 to 2017.09

Internet Computing, Bachelor of Science (Final grade: 2,5)

University of Passau

Public Code

Public repositories showcasing code I wrote.

Fullstack Client (Vue and Vuetify)

<https://gitlab.com/nik.zantner/fullstack-client>

Fullstack Server (NestJS and MongoDB)

<https://gitlab.com/nik.zantner/fullstack-server>

niklaszantner.de

<https://gitlab.com/nik.zantner/niklaszantner.de>

Curriculum Vitae

<https://gitlab.com/nik.zantner/curriculum-vitae>

capture

<https://gitlab.com/nik.zantner/capture>

Natural Languages

Languages I feel comfortable speaking with customers and discussing technical details with colleagues.

English

German