Hendrik Sieweck
Software Engineer

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Languages

German (Native)

English (Mastery)

French (Intermediate)

Programming languages

Javascript/Typescript

Java/Kotlin

HTML/CSS/SCSS

SQL

Python

Shell

About

In my nine-year professional career, I have gained extensive experience in frontend development, specializing in Vue.js. In addition, I have extensive knowledge of the back-end, having primarily worked with Java and Kotlin before. This experience allows me to collaborate effectively on both front-end and back-end development and ensure seamless integrations.

Thanks to my in-depth expertise and extensive experience, I am able to work effectively with various stakeholders in software development, including product owners, designers, backend developers and DevOps experts.

Experience

since 2024 — **Senior Fullstack Engineer**
WPS Management GmbH

- Key role in enhancing e-procurement with Wescale, enabling seamless supplier collaboration
- Active member of the company-wide tech board, driving technical strategy and CI/CD modernization
- Developing and improving user interfaces and backend applications
- Collaborating with Product Owners, UX, and cross-functional teams to deliver features and resolve challenges
- Writing clean, scalable, and maintainable code while designing scalable solutions

2023-2024 — **Senior Software Engineer**
itemis AG

- Key role in shaping the trajectory of Threat Analysis and Risk Assessment (TARA) through itemis SECURE, aiming for strict adherence to ISO 21434 standards.
- Driving the mission to bring TARA to the web with a user-friendly approach using Vue.js in conjunction with modelix.
- Enforcing high-quality standards of clean code and best practices in software development.
- Evolving the tech stack by introducing newer and more advanced technologies.
- Enhancing the development experience by streamlining workflows for fellow developers.
- Developing APIs and establishing cross-service communication using Kotlin.

2020-2023 — **Software Engineer**
aixigo AG

- Co-developed Micro Frontends using Vue.js, owning key parts of the frontend architecture.
- Spearheaded the development and conceptualization of Fintech Microservices using Vue.js and Java EE.
- Played a central role in modernizing the tech stack by introducing TypeScript and Storybook.
- Advocated for high-quality software development, emphasizing code excellence.
- Actively contributed to enhancing the CI/CD process.
- Took charge of onboarding new team members, providing guidance and coaching for smooth integration.

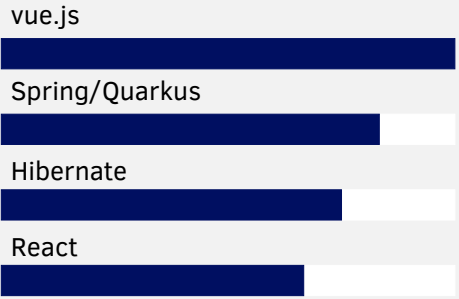**2019-2020** — **Software Engineer (Student Assistant)**
Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University

- Promoted modernization of the tech stack through proof of concepts and introducing frameworks like Vue.js and Spring Boot.
- Established a standardized CI/CD process.
- Provided training, teaching, and support to new apprentices and colleagues.
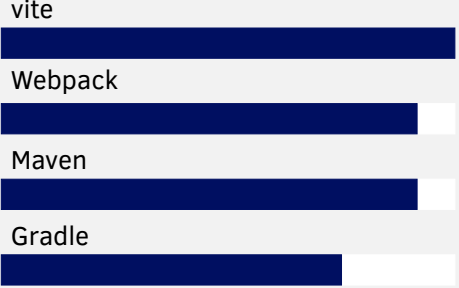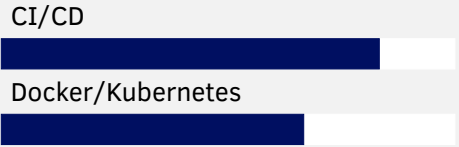
Hendrik Sieweck
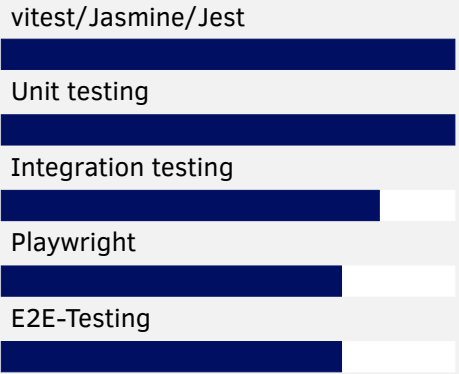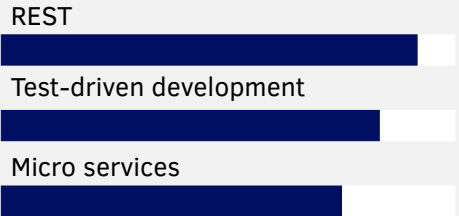## Software Engineer

Frameworks & Technologies ──

vue.js

Spring/Quarkus

Hibernate

React

Build tools ──────

vite

Webpack

Maven

Gradle

DevOps ──────

CI/CD

Docker/Kubernetes

Quality Assurance ──────

vitest/Jasmine/Jest

Unit testing

Integration testing

Playwright

E2E-Testing

Programming concepts ──────

REST

Test-driven development

Micro services

Education

2016-2020	Bachelor of Science in Scientific Programming

FH Aachen - University of Applied Sciences

- Thesis: Development of evaluation approaches for selected process mining algorithms in order processing.

2016-2019	Training as mathematical-technical software developer

Laboratory for Machine Tools and Production Engineering (WZL) of RWTH Aachen University

- Development of Java web applications for industrial applications, with a focus on front-end development of software demonstrators in Industry 4.0
- Use of technologies such as JavaScript, HTML, CSS, Java, PostgreSQL and Hibernate
- Gathering requirements and designing applications
- Supervision of trainees