Hendrik Schmitz
Software Engineer

📅 30 June 1998

📍 Pontstr. 137, 52062 Aachen
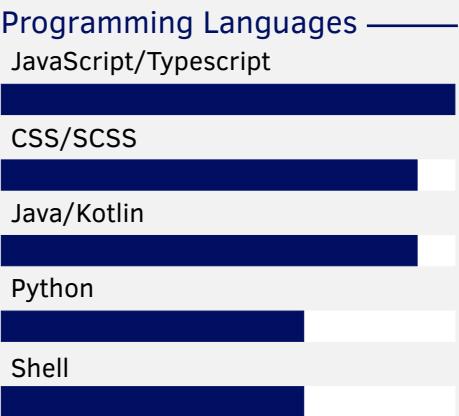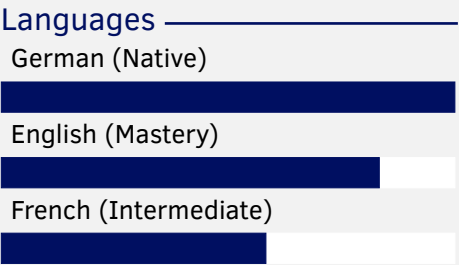
📞 +49 151 70013949

🌐 smtz.dev

drik98

@ hendrik@smtz.dev

in hendriksmtz

Languages

German (Native)

English (Mastery)

French (Intermediate)

Programming Languages

JavaScript/Typescript

CSS/SCSS

Java/Kotlin

Python

Shell

Scale: 0 (basic skills) - 6 (expert)

About

In my eight-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.

Experiences

since 2023 — 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

- Led the development of Micro Frontends primarily using Vue.js.
- 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.
- Participation in mentoring program to develop as a leader.

2019-2020 — Software Engineer (Student Assistant)
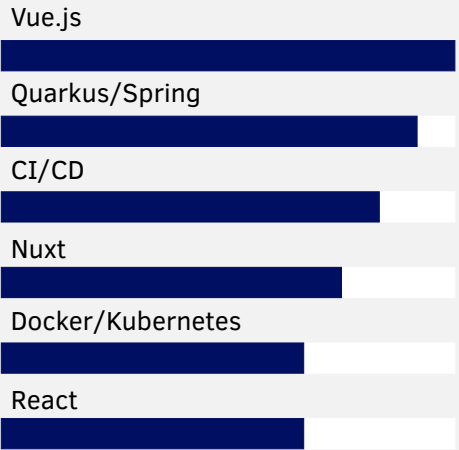Werkzeugmaschinenlabor WZL der RWTH Aachen

- 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.

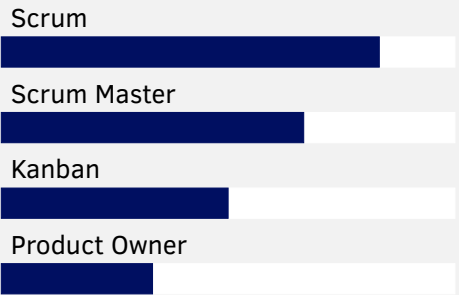### 2016-2019 — Dual Study Mathematical-technical software developer
Werkzeugmaschinenlabor WZL der RWTH Aachen

- Contributed to the development of Java web applications for industrial applications, focusing on frontend development of software demonstrators in Industry 4.0.
- Utilized technologies such as JavaScript, HTML, CSS, Java, PostgreSQL and Hibernate.
- Recording of requirements and conception of applications.
- Supervision of trainees

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Frameworks & Technologies ——

Vue.js

Quarkus/Spring

CI/CD

Nuxt

Docker/Kubernetes

React

Agile Development ————

Scrum

Scrum Master

Kanban

Product Owner

Scale: 0 (basic skills) - 6 (expert)

Other Education and certifications

2016-2020 **B.Sc. 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**
Industrie- und Handelskammer (IHK) Aachen

2016 **Abitur**
Dalton Gymnasium Alsdorf