

Sven Koschnicke

Fullstack Engineer — quality code, real users, the whole stack

🏠 Kiel, Germany

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📄 Summary

Fullstack Engineer with 16 years of experience spanning web development, developer tooling, and applied research. Currently working on commercetools Frontend, a backend-for-frontend platform enabling business users to manage e-commerce experiences. Previously built developer CLIs in Go and modernized infrastructure with Docker and Kubernetes. Spent nine years at a university startup combining software development with research — building web applications, contributing to FPGA-based parallel computing systems for financial analysis, and implementing the technical infrastructure for Software-Challenge Germany, a nationwide programming competition for high school students. Comfortable across the stack, from functional languages like Haskell and Scala to modern TypeScript and Go.

🧰 Experience

Senior Fullstack Engineer

2022 - Present

commercetools GmbH, Remote, Germany

- ▶ working on commercetools Frontend, the backend-for-frontend solution to make e-commerce frontends manageable by business people without developer intervention
- ▶ building AI Hub, a platform for integrating AI capabilities into e-commerce applications
- ▶ Golang, PHP, Node.js, Next.js, Kubernetes

Fullstack Engineer

2022

Frontastic GmbH, Remote, Germany

- ▶ modernizing developer experience by extending the custom CLI to aid the development process

Freelance Fullstack Engineer

2019 - 2022

Frontastic GmbH, Remote, Germany

- ▶ introducing a modern development stack using Docker instead of VMs
- ▶ creating a CLI (Golang) to vastly improve customer experience

Software Developer

2010 - 2019

Christian-Albrechts-Universität zu Kiel (Startup), Kiel, Germany

- ▶ building web applications for FPGA-based parallel computing systems used in financial market analysis
- ▶ full technical implementation of Software-Challenge Germany, a nationwide programming competition for high school students
- ▶ Haskell with Yesod, Scala with Play, Ruby on Rails

Freelance Software Developer

2009

Self-employed, Kiel, Germany

⚙️ Skills

Programming languages

Java PHP
Ruby Haskell
Scala Typescript
Go

Frameworks

Seam Symfony
Ruby on Rails Play
Yesod

DevOps

Ansible Salt Project
Docker Kubernetes
NixOS

Tools

Git Emacs
Vim Linux
Claude Code Open Code

This is a selection — I prefer using the right language/framework/tool for the job.

🔤 Languages

German Native
English Fluent
Machine Code Fluent

- custom CRM system for mobile contract sales (Java, Seam)
- building and maintaining WordPress-based e-commerce websites (PHP)

Education

M.Sc. Computer Science

2006 - 2008

Christian-Albrechts-Universität zu Kiel, Germany

- **Thesis:** *"Development of Web Applications from Declarative Descriptions"*
- **Research focus:** Programming Language Theory

B.Sc. Internet Science and Technology

2002 - 2006

University of Applied Sciences, Kiel, Germany

- **Thesis:** *"Buyer Interaction in e-commerce Applications"*