

Sven Koschnicke

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

🏠 Kiel, Germany

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👤 Summary

Fullstack Engineer with more than 25 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

commercetools GmbH, Remote, Germany

2022 - Present

- ▶ 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

Frontastic GmbH, Remote, Germany

2022

Freelance Fullstack Engineer

Frontastic GmbH, Remote, Germany

2019 - 2022

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

Freelance Fullstack Engineer

Frontastic GmbH, Remote, Germany

2019 - 2022

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

Software Developer

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

2010 - 2019

- ▶ 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

Self-employed, Kiel, Germany

since 2000

⚙️ 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"