

# Sven Koschnicke

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

🏠 Kiel, Germany

✉️ s.koschnicke@gfxpro.com

🌐 [linkedin.com/in/svenkoschnicke](https://www.linkedin.com/in/svenkoschnicke)

🐙 [github.com/skoschnicke](https://github.com/skoschnicke)



## 📄 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

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

since 2000

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"*