

Simon Schubert

Software Engineer Germany

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Full-stack Software Engineer with hands-on experience across the entire product lifecycle - from architecture and backend APIs to frontend UIs and cloud deployments. Proven ability to ship quickly in early-stage startup environments. Passionate about building reliable, well-crafted software.

EXPERIENCE

Software Engineer

Oct 2024 – Present

[Hydra](#) · [Germany \(Remote\)](#)

- Led all technical development as the sole engineer — spanning product, infrastructure, and DevOps.
- Designed and built a knowledge RAG database with a connected MCP server, enabling users to access their knowledge base directly from their IDE.
- Built Shannon, an AI-orchestrated penetration-testing scanner for production web apps — parallel OWASP-style agents on a durable Temporal pipeline, with Playwright probes
- Deployed and managed cloud infrastructure on AWS EC2 using Docker for containerisation.
- Built and maintained the company website and various internal automations.

Freelance Web Developer & Designer

2023 – 2024

[Self-employed](#) · [Remote](#)

- Designed and built client websites using both custom code and no-code (Webflow) tools.
- Handled full project lifecycle: scoping, design, development, and delivery.
- Ran a "last-mile engineering" service line — parachuting into external projects to ship the final "10%" (integrations, deploys, migrations). 20+ clients across multiple stacks

Web Developer Intern

2023 (6 months)

[N13 Media GmbH](#)

- Assisted in developing and maintaining client websites across a range of industries.
- Worked on both frontend development and visual design tasks.

EDUCATION

Full Stack Web Development Bootcamp

2024 (3 months)

[Ironhack](#)

Intensive full-time programme covering React, Node.js, Express, MongoDB & REST APIs. Final project: a full-stack Twitter/X clone built from scratch.

Computer Science

2023

[HTW - Berlin](#)

Relevant coursework: Databases, Social Engineering, Object Oriented Programming

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript / JavaScript, **Backend:** [Node.js](#), Python, Supabase, PostgreSQL, MongoDB, **DevOps & Infra:** Docker, AWS EC2, Google Cloud, Git, **Tools & Other:** MCP (Model Context Protocol), RAG pipelines, OAuth 2.0, Vector Databases

LANGUAGES

German: Native, **English:** C2 – Proficient, **Italian:** B1 – Intermediate, **French:** B1 – Intermediate

REFERENCES

Rahul Singireddy Co-Founder & CEO, Hydra (direct manager)

Hydra · Oct 2024 – Present

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