ADRIAN STOBBE

Software craftsmen for the cloud & web

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○ elchead   ⊕ adrianstobbe.com
🌐 German   📍 Berlin, Germany

PROFILE

Full-stack builder. Product-focused and driven by customer impact. Enthusiast of clean code and testing. Believer that a collaborative, learning-driven team culture is the strongest company asset.

EDUCATION

Computational Science & Engineering MSc
Technical University Munich
Oct 2020 - Mar 2023

Exchange semester
UPC, Barcelona
Sept 2021 - Jan 2022

Exchange semester
Tsinghua University, Beijing
Sept 2019 - Feb 2020

Engineering Science BSc
Technical University Berlin
Oct 2017 - Oct 2020

SKILLS

Programming Languages

Go, Python, TypeScript, C++, Rust

Tools & Services

- Kubernetes
- Terraform
- Helm
- AWS, GCP, Azure
- Svelte
- React
- SQL + No-SQL
- Redis

Projects

Various cloud & web projects

PROGRAMS / HACKATHONS

- Cloudfest 23
- RustFi 22
- Cornell BigRed Hacks 2021
- Techlabs Web Dev Track 20/21
- Skoda X Innoway 20
- Bosch BSX 20

LANGUAGES

- German (native)
- English (C1)
- Spanish (C1)
- Mandarin (B2)

WORK EXPERIENCE

Software Engineer   since May 2023
Edgeless Systems GmbH | Remote

- Contributed to an Open-Source K8s distribution (constellation). Notable are the refactorings and development of a Terraform provider (Go)
- Developed a Secure Data-Exchange web platform for NGOs to share incident data across organizations based on report matches (Svelte + Go)
- CI/CD, CLI, API development, helm chart management

SWE R&D Intern   Nov 2022 - Jan 2023
Deta GmbH | Berlin

- Researched a new serverless platform built with Firecracker
- Built a prototype to run Python and Go code through an API (Go)

SWE Trainee   Mar 2021 - Mar 2023
SAP SE | Munich | Remote

- Implemented an infrastructure reconciler for Azure to replace Terraform in the K8s- as-a-Service project (Gardener) (Go)
- Researched optimizing cluster resource utilization for memory-hungry jobs in K8s and showed significant improvement potential (4x) (Go)
- Contributed to the CLI and observability stack, such as Grafana & Fluentbit, for SRE teams at the K8s application runtime project Kyma (Go)

SWE Intern & Working student   May 2020 - Jan 2021
Dive Solutions GmbH | Berlin

- Researched and developed a coupled FEM+SPH software to simulate inhibition inside a 3D laundry machine (C++)
- Supported customers and developed a post-processing library (Python)

Working student   Oct 2018 - Sept 2019
TU Berlin @ Experimental Fluid Mechanics Institute | Berlin

- Perfomed data analysis for combustion experiments (Python)

HONORS / CERTIFICATIONS

German Academic Scholarship Foundation   Sept 2019 - Mar 2023

Certified Kubernetes Application Developer (CNCF)   Sept 2021

Deutschlandstipendium   Oct 2017- Sept 2019