

ADRIAN STOBBE

Software craftsman for the cloud & web

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 [adrian-stobbe](https://www.linkedin.com/in/adrian-stobbe)

 [elchead](https://github.com/elchead)

 adrianstobbe.com

 German

 Valencia, Spain

PROFILE

Product-focused and driven by customer impact. 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
- AI, LLM
- React
- Svelte
- SQL + No-SQL
- Redis
- NodeJS

Projects

Various cloud & web [projects](#)

PROGRAMS / HACKATHONS

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

LANGUAGES

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

WORK EXPERIENCE

Software Engineer

since May 2023

Edgeless Systems GmbH | Remote

- Developed a secure cloud-based LLM service to protect prompts end-to-end ([continuum](#)).
- Contributed to an Open-Source K8s distribution ([constellation](#)). Notable are the development of a Terraform provider (Go)
- Developed a Secure Data-Exchange web platform for NGOs (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

- Performed 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