

Sascha Eglau

🌐 saschaeglau.com

✉ se@saschaeglau.com

☎ +49 176 81165041

🌐 [saschaeglau](#)

🔗 [tmlye](#)

WORK EXPERIENCE

Molnett AB

Co-Founder

Current

- Build a serverless cloud provider that makes it easy for companies to run mission critical software
- Work on the vision and architecture of the product
- Create a CLI in Rust, an API in Go, Kubernetes Operators and Github Actions

Self-employed Software Engineer

Freelancer

Current

Selected Projects:

Factory Automation Software

Remote/Berlin, Oct 2022 – Nov 2023

Client: Bosch Connected Industry, contracted as Senior DevOps/Platform Engineer

Responsibilities:

- Achieved a major refactor and migration of the Terraform codebase, improving deployability and maintainability
- Successfully upskilled the team's Terraform skills through workshops and pair programming
- Automated various database operations tasks with a Kubernetes Operator

Setup a new direct bank for Singapore

Remote/Singapore, Sep 2020 – Jun 2022

Client: Trust Bank, contracted as DevOps/Platform Engineer

Responsibilities:

- Architected and setup the infrastructure for a new direct bank which went from 0 to 100k customers in 13 days, focusing on email, push and SMS notifications for end users, network infrastructure and egress filtering
- Implemented a common Helm chart used to deploy the microservices
- Enabled other teams as part of a platform team (DNS configuration, support etc.)

Setup a new direct bank for Hong Kong

Remote/Hong Kong, Jul 2019 – Sep 2020

Client: Mox Bank, contracted as Tech Lead and DevOps/Platform Engineer

Responsibilities:

- Increased system performance 10x by increasing observability and fixing hard to find issues
- Led a team of platform engineers focusing on security and compliance
- Architected and implemented security logging and egress filtering for the entire bank
- Designed and implement build pipelines with Github Actions, Artifactory
- Participated in on-call rotation and troubleshooting efforts

Zuhlke Engineering Hong Kong Ltd

Senior Software Engineer

June 2018 – May 2020

Software Engineer

Mar 2018 – June 2018

- Helped grow a new Zuhlke location from 5 to 25 people
- Mentored and coached junior engineers

Selected Projects:

Customer Identity Verification Service

Hong Kong, Jan 2019 – Jul 2019

Client: One of the largest banks in the world, contracted as Tech Lead/Software Engineer

Responsibilities:

- Led a team of 6 engineers in designing and building a critical platform service used in 38 markets
- Communicate with stakeholders across the organization
- Setup the implementation, infrastructure and CI/CD for the services/functions

Mobile Onboarding Journey

Hong Kong, Feb 2018 – Jan 2019

Client: One of the largest banks in the world, contracted as Software Engineer

Responsibilities:

- Enabled customers to open a bank account on their phone, without manual approval, in just a few minutes

- Implemented the first mobile onboarding journey with straight-through processing in Asia for the bank

Zühlke Engineering GmbH

Software Engineer

June 2016 – Mar 2018

Junior Software Engineer

Sep 2015 – June 2016

Selected Projects:

IoT Solution for Emergency Lighting Systems

Frankfurt am Main, Nov 2016 – Jan 2018

Client: RP Technik, contracted as Tech Lead, Software Engineer

Responsibilities:

- Designed and implemented an IoT solution for automating emergency lighting verification
- Deployed and operated the solution on Azure
- Led a student developer in building a reusable RBAC component

Predictive Maintenance for measuring machines

Bavaria, Feb 2017 – Dec 2017

Client: Large Machine Manufacturer, contracted as Software Engineer

Responsibilities:

- Supported a team of data scientists in carrying out predictive maintenance for measuring machines on factory floors
- Setup infrastructure and build environments on Azure

Compilation pipeline for map data

Frankfurt am Main, Aug 2016 – Jan 2017

Client: HERE Technologies, contracted as Software Engineer

Responsibilities:

- Built a custom, mission-critical compilation pipeline for maps with Jenkins and Ruby on top of AWS
- Reduced map compilation time from multiple weeks to less than 24h

Fraunhofer IIS

Research Assistant

Apr 2011 – Feb 2012, Mar 2014 – Dec 2014

- Reduced time required to do a turn table calibration by more than 50% by completely rewriting the tool and algorithm.
- Researched how cloud computing could be utilized in computed tomography systems. Prototyped/tested solutions on AWS and Azure.

GfK SE

Part-time Developer

Mar 2013 – Jul 2013

Intern

Sep 2012 – Feb 2013

TECHNOLOGIES & SKILLS

Terraform, Kubernetes, AWS, Azure, CI/CD, Helm, Docker, Go, Kotlin, Spring Boot, System Design, Git, Technical Recruiting, Linux, Github Actions, Azure DevOps, Automated Testing, Rust, Jenkins, Logging/Monitoring, C#/ASP.NET, SQL, Ansible, Java, Python, Ruby

Fluent in German and English.

EDUCATION

TH Nürnberg, Bachelor of Science in Computer Science

2010 – 2014

- Graduated among top 8%
- Teaching Assistant/Tutor in Statistics
- Exchange semesters in Hong Kong and Sweden
- Won the I.C.S. Award for going beyond the necessary and having an international outlook

CERTIFICATIONS

Certified Kubernetes Admin (2022), Certified Professional for Requirements Engineering (2016)