



Dominik Finkbeiner

SOFTWARE & DEVOPS ENGINEER

Profile

Dominik is a technological leader and product engineer with more than ten years of experience. He has a strong background in CI/CD and DevOps as well as creating extraordinary end-user centric products. Dominik has helped to accelerate the cloud transformation at SAP by scaling CI/CD for more than 20,000 developers. He is a passionate team leader, speaker, coach and mentor of others.

Work Experience

Tech Lead CI/CD Infrastructure, SAP SE

2020 - 2022

- Lead an InnerSource project for CI/CD toolchain instantiation to streamline the technology stacks across different products and to foster contributions across team boundaries
- Designed the project's architecture following the principles of cloud native development (kubernetes operator pattern) to build a resilient and scalable platform
- Established the project's own DevOps process using a GitOps approach to reduce the lead time for changes and to mitigate human error

Product Manager, SAP SE

2019 - 2022

- Defined the vision and the mission of the team and coached team members
- Spoke at internal conferences to foster adoption of central tools by sharing the vision and latest innovations of the department
- Designed a developer portal to accelerate adoption of central CI/CD services which reduced the setup time of product standard compliant CI/CD pipelines from a week down to 10 minutes
- Established a central monitoring solution to measure the performance & failure rates of CI/CD pipelines caused by errors of central tools or IT infrastructure which sped up pipeline runtimes and increased pipeline reliability
- Built up a cross functional development team by hiring new employees and freelancers

Co-CTO Mathandoro

2017 - 2019

- Development of native mobile apps (iOS, android) to manage local sports clubs. Seed funding provided by NGO

Contact Details

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Links

<https://calendly.com/finkes>
<https://github.com/finkes>
<https://linkedin.com/in/dfinkbeiner>

Technologies

Programming Languages

JavaScript / TypeScript / Golang /
Java / C#

Backend

Node.js / Express / Nest.js / Gin /
RESTful APIs

Infrastructure

Kubernetes / Docker Swarm / GCP /
Open Stack / Linux

Frontend

Angular 2+ / AngularJS / Svelte

Mobile

Android native development / Flutter
/ Unity

Database

MongoDB / Postgres / MySQL

CI/CD

Travis CI / Jenkins / Azure Pipelines
/ GitHub Actions / Tekton

Monitoring

Prometheus / Sentry

GitOps

ArgoCD / Terraform

Languages

German (native speaker)
English (professional)

Software Engineer, SAP SE

2017 - 2019

- Established & operated a monitoring solution for development tools which improved the overall tool availability by 10% through transparency and automated alerts
- Established & operated a containerized DevOps platform to reduce administrative overhead and infrastructure costs
- Developed a ChatOps platform based on Slack to automate DevOps & administrative tasks following a micro service architecture so it can get extended decentrally by developers across the company

Thesis Student, SAP SE

2015 - 2017

- Designed the architecture of a ChatOps platform based on microservices (Master Thesis)
- Developed a smart caching & prefetching middleware to improve UX of a web based application by speeding up page load time by factor x100
- Developed tools to ensure productivity, FOSS license compliance, security and quality for the software development process at SAP

Freelancer IT Consulting & Web Development

2012 - 2017

- Developed a research tool to measure emotional competency of children for the University of Landau (Faculty of Psychology)
- Developed & published mobile games for Android
- Developed web pages & web shops for clients

Vocational Training, SAP SE

2012 - 2015

- Designed an event content management system for conferences to speed up the content planning process for conferences (Bachelor Thesis)
- Contributed to various projects across departments as part of the vocational training program with a focus on web development, mobile development & DevOps

Education

Hochschule für Technik & Wirtschaft, Karlsruhe

2015 - 2017

- M.Sc. - Computer Science (specialization: Software Engineering)

Duale Hochschule, Karlsruhe

2012 - 2015

- B.Sc. - Computer Science (specialization: Applied Computer Science)

Technisches Gymnasium, Mosbach

2012

- Abitur (specialization: Information Technology)