



# FELIX FAUST

## SENIOR DEVOPS ENGINEER

born June 26th 1997

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## ABOUT ME

With my passion for technology and experience in DevOps, backend, and frontend development, I bring not only technical expertise but also outstanding communication skills and organizational talent to every project. My reliability, combined with the experiences I'm currently gaining while building my own startup, makes me an ideal partner for complex and innovative projects. In addition, I offer trainings on topics such as Kubernetes, ArgoCD, and Continuous Integration, helping teams stay at the forefront of modern development practices.

## SKILLS

DevOps Engineer, Backend Developer, Frontend Developer, Kubernetes Trainer, Consulting, Refactoring, Reviews

## TECHNOLOGIES

TypeScript, Continuous Integration, React, Next.js, Docker, Kubernetes, Openshift, Openstack, Full-Stack, JavaScript, GCP, AWS, Node.js, Express.js, NestJS, GraphQL, Fastify, MongoDB, PostgreSQL, Redis, Java, Spring Boot, Go, Relational / Document Databases, Product Development, Angular, Tailwind CSS, NestJS, Ansible, Terraform, Prisma, GitHub Actions, GitLab CI/CD, Jenkins, Shell Scripting, Grafana, Prometheus, Kibana, Hashicorp Vault Secrets, NGINX, Kubernetes Operator Framework, Prettier, Framer Motion, ESLint, WebPack

## TOOLS

JetBrains IDE, GitHub Copilot, Figma, Jira, Confluence, Chrome, Manjaro (Arch Linux), Windows

## LANGUAGES

German (native), English (fluent)

# List of employers and projects

## Freelancer

whyle GmbH Remote

customer project | Rolls Royce Power Systems

February 2025 - ongoing

Infrastructure, backend, and frontend development for an internal project of Rolls Royce Power Systems. Main focus: OpenShift compatibility and build process optimizations. Support in migrating legacy applications to OpenShift, including CI/CD pipelines and infrastructure automation.

- **Supported the migration** of legacy applications to OpenShift, including assistance with container deployment and infrastructure improvements.
- **Optimized CI/CD pipelines** and Dockerfiles to improve performance and reduce build times in Azure DevOps.
- Created and integrated **ArgoCD**, along with the creation of Helm charts.
- **Managed the Neo4j deployment** in OpenShift and resolved compatibility and security context issues of the database.
- Introduced **Turborepo** and developer-friendly improvements in the monorepo setup for frontend and backend development.

OpenShift, ArgoCD, Azure DevOps, Docker, Neo4j, CI/CD pipelines, Helm Charts, Kubernetes, GitOps, TypeScript, Monorepo, Turborepo

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## Freelancer

Amplicade GmbH Cologne, Germany

customer project | ALDI deals

March 2024 - September 2024 (7 months)

Frontend development of the ALDI deals website as well as project setup and maintenance, including CI/CD pipelines and infrastructure automation. Worked in a team with another Backend Developer and a Product Owner.

- **Built the whole frontend** of ALDI deals from scratch.
- **Containerized** the application with Docker and **deployed** it to an **Azure Kubernetes Cluster**.
- **Integrated third-party APIs** with the OpenAPI Generator.
- **Connected** the new ALDI Deals Frontend to already existing and new **backend services**.
- Prepared and executed **production deployment** with the help of the Product Owner and Backend Developer.
- Onboarding of new team members and responsible handover of the project to the Product Owner.

React, TypeScript, NextJS, Azure Kubernetes Cluster, Helm Charts, Frontend Development

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## Senior DevOps Engineer

Schäfer Shop GmbH Betzdorf, Germany

e-commerce for office supplies

September 2022 - ongoing

Migration of an e-commerce webshop from a proprietary openstack system to a modern private cloud kubernetes environment. Conducted internal training courses for Kubernetes and ArgoCD. Focus on core infrastructure. Participated with AI projects involving LLM through product data etc.

- **Worked on migration project** from proprietary OpenStack to self-managed Kubernetes on Hetzner.
- Contributed to the **conceptualization and planning** of migration strategy.
- Implemented **environment separation and automation** using Makefiles and strategic merging.
- **Automated migration** of hundreds of domains to Cloudflare.
- Developed and maintained **GitLab CI pipelines** for continuous integration and deployment.
- **Optimized performance** of critical infrastructure and frequently used base containers.
- Enhanced **system reliability and scalability** through continuous monitoring and proactive improvements.
- Provided **technical support and troubleshooting** for DevOps-related issues.
- Led **internal training courses** for Kubernetes and ArgoCD.
- Expert in **ArgoCD**, **OIDC** integrations, and leveraging **LLMs** for automating infrastructure processes.

Terraform, OpenStack, Kubernetes, k3s, Gardener, GitOps / ArgoCD, HCP Vault Secrets, Ansible, Keycloak, LLMs, Prometheus, React, Grafana, Hetzner Cloud, GitLab CI/CD, Helm Charts, Training Courses

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## DevOps Engineer

AVACO GmbH Niederkassel, Germany

“workpage” – network to bringing business together

June 2021 - August 2022 (1+ year)

Migration of legacy application deployments from kubernetes to openshift platform (respectively jenkins to tekton pipelines), development enabler, dev ops tech lead assistance, implementing tomorrows infrastructure, re-inventing the product and assisting product management.

- Played a key role in a **migration project** from Kubernetes to OpenShift on Open Telekom Cloud.
- Assisted coworkers with **backend issues** and provided technical support.
- **Containerized applications** and automated infrastructure processes.
- Utilized **Terraform and Ansible** for infrastructure as code and automation tasks.
- Developed and maintained **CI/CD pipelines** to ensure smooth deployment processes.
- Implemented **monitoring and logging solutions** to enhance system reliability.
- Collaborated with cross-functional teams to integrate and deploy new features.
- Ensured **system security** and compliance with industry standards.
- Optimized infrastructure for **scalability and performance**.

C#, Kubernetes, Administration, Continuous Integration, Tech Lead

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## DevOps Engineer

dynabase Technologies GmbH Cologne, Germany

IT service provider, customer projects

March 2019 - May 2021 (2+ years)

Full responsibility for (further) development and realization of customer projects, e.g. leaseback.de and rbtX.com; Grafana & Prometheus Monitoring Setup in Azure Kubernetes Cluster. Conducted internal training courses for Kubernetes.

- Developed frontend software for reputable customers such as **IGUS**, including the IGUS Konfigurator platform and rbtX.com.
- **Led a solo development project** for Netbid, handling frontend, backend, and infrastructure.
- Utilized **Angular and RxJS** for building responsive and dynamic web applications.
- Implemented backend services using **NodeJS** for scalable and efficient server-side applications.
- Containerized applications to ensure consistency across development, testing, and production environments.
- Deployed and managed infrastructure on **AWS AKS** for high availability and scalability.
- Developed and maintained **GitLab CI/CD pipelines** for continuous integration and deployment.
- Collaborated with cross-functional teams to deliver high-quality software solutions.
- Ensured **system security** and optimized performance for customer applications.

## DevOps Engineer

**powwow GmbH** Cologne, Germany

b2b ecommerce for mobile tech

July 2018 - February 2019 (8 months)

Migration of legacy applications to Google Cloud; setup and management of Kafka Cluster, VPN, Firewall, IAM and further development of B2B Java Services.

- Led migration of legacy applications to **Google Cloud**.
- Set up and managed **Kafka Cluster, VPN, Firewall, IAM**.
- Developed and maintained **B2B Java Services**.
- Utilized **Java, Gradle, Spring Boot** for backend development.
- Implemented infrastructure as code with **Terraform**.
- Optimized system performance and ensured high availability.
- Collaborated with cross-functional teams to deliver robust solutions.

Java, Gradle, Spring Boot, GCP, Terraform

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## Training

**FLOWFACT GmbH** Cologne, Germany

real estate and CRM (customer relationship management)

July 2015 - June 2018 (3 years)

Agile software development (scrum + kanban) on Java monoliths. Later also development on new customer software version with focus on React, Javascript, AWS and infrastructure topics in a microservice architecture.

Java, C#, JavaScript, React, PHP, AWS, WordPress Customizer

# Education and Certifications

## **Certified Kubernetes Administrator**

CKA-2000-005408-0100

January 26, 2020 (valid till January 23, 2023)

Proven and deep knowledge in kubernetes (cluster) administration and application development

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## **Carl-Reuther-Berufskolleg**

Hennef, Germany

August 2013 - June 2015; 2 years

2 year vocational college (technical diploma) in information