

# Colin Mörbe

## Backend Software Engineer

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## Profile

Backend Software Engineer focused on modular, event-driven systems in cloud environments. Experience in designing and developing scalable backend services as well as operating containerized applications on Kubernetes (Azure), with a strong focus on architecture, automation and system reliability.

## Technical Expertise

### Backend

Java (21/25), Spring Boot, Hibernate, REST, Event-Driven Architecture, Workflow Systems

### Cloud & Infrastructure

Docker, Kubernetes, AWS (CDK, Fargate, EC2, S3, Secrets Manager), Azure (Azure Container Registry, Artifact Feeds)

### Data & Messaging

PostgreSQL, JPA, Liquibase, Kafka

### CI/CD & DevOps

GitLab CI, GitHub Actions, Terraform, ArgoCD

### Basic knowledge

Kotlin, Python, Go, Prometheus, Grafana, JavaScript/TypeScript, Vue

# Professional Experience

## 09/2023 - Present

SSC-Services GmbH — Böblingen, Germany

Software Engineer

- Development and continuous improvement of a containerized microservice landscape (~15-20 services) in an enterprise-scale system environment.
- Analysis, design, and technical implementation of business requirements in close collaboration with the client.
- Development of event- and workflow-based backend services for process automation.
- Implementation of high-performance delta-load migration processes (more than three million records) using parallel processing.
- Development of Kafka-based integration interfaces with high throughput.
- Development, containerization and operation of backend services on Kubernetes (Azure), as well as building AWS infrastructure using CDK (Java).
- Enhancement of CI/CD pipelines and sustainable reduction of recurring production issues through refactoring and improved logging and monitoring strategies.
- Led a company-wide learning initiative, including design and development of an internal tool to map learning paths and competencies.

## 11/2022 - 06/2023

envite consulting GmbH — Stuttgart, Germany

Working Student DevOps Engineer

- Implementation of CI/CD pipelines.
- Designed a methodology to estimate energy consumption of build and deployment pipelines.

### **03/2022 - 08/2022**

pronexon GmbH — Reutlingen, Germany  
Intern, System Integration

- Designed and implemented server, storage, and backup solutions.

## **Education**

### **03/2020 - 08/2023**

Reutlingen University  
B.Sc. Media and Communication Informatics (Grade: 2.0)

### **10/2018 - 02/2020**

University of Stuttgart  
B.Sc. Software Engineering

## **Languages**

German (Native)  
English (Fluent, professional working proficiency)