# DAVID RAHÄUSER

## CLOUD-ENGINEER DEVOPS CONSULTANT

## ABOUT ME

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|---|---|
| Country | Germany |
| City | 12043 Berlin |
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## PROFESSIONAL EXPERIENCE

### Retail @ Gebit Solutions GmbH (Since 04/2023)

**Senior Cloud & Fullstack Engineer**

- Developed cloud-native DevOps SaaS stack in Azure incl. GitOps, Event-based infra, internal docs
- Frontend: Vue3, React // Backend: Django, FastAPI
- Custom deployment parsers, adaptive CI/CD (GitHub Actions, TypeScript)
- Shared libraries, RBAC, CVE scans, Kubernetes deployments (Helm)
- Dockerized services & GitOps automation for managed clusters
- Prototyping & PoC evaluations

### Multi-Cloud Industrial IoT Platform @ Siemens AG (08/2017 - 10/2021)

**Operations and Cloud Infrastructure Engineer**

- Built & maintained AWS/Azure infrastructure for global industrial IoT platform
- Managed full CI/CD lifecycle (GitLab, Terraform, Bash/Python)
- Delivered scalable, region-agnostic IaC deployments
- Deployed AWS Lambda, ECS, Kubernetes, Docker
- Integrated monitoring, test automation, and rollout pipelines
- Supported Angular/C# stack; frontend via NGINX & CloudFront
- Led multi-cloud codebase sharing and K8s packaging management

# SELECTED FREELANCE PROJECTS

### Automotive Sector (12/2023 – 12/2024)
**AWS Cloud Engineer**

- Designed and implemented maintenance-free, serverless AWS infrastructure using native services (EventBridge, Pipes, API Gateway, CloudWatch, API Destinations)
- Built event-driven, functionless architecture with 0-production-code approach
- Developed multi-project deployment pipelines via GitLab CI and AWS CDK
- Integrated OIDC authentication for secure and compliant CI/CD workflows
- Implemented cloud security guidelines and ensured IAM best practices
- Created project architecture docs and internal process documentation
- Rolled out infrastructure and handover to ops teams

### E-Commerce @ CODUCT Solutions GmbH (09/2022 – 11/2022)
**Cloud-Architecture and System-Design**

- Created enterprise, system, and context diagrams for global e-commerce infrastructure
- Applied Documentation-as-Code principles using the C4 Model
- Evaluated tools and platforms for headless commerce and omnichannel integration (e.g. Shopify Plus)
- Designed architecture for PIM, DAM, ERP system integration
- Assessed solutions for pricing, stock management, and OAuth tooling
- Delivered architecture concepts for scalable and API-first commerce stack

### Retail @ Gebit Solutions GmbH (01/2022 - 04/2022)
**Cloud-Architecture and System-Design**

- Built a declarative Kubernetes platform on Azure using Terraform and GitHub Actions
- Designed CI/CD pipelines with Vault, Quay, and automated IaC workflows
- Managed PostgreSQL, VNETs, private links, Azure EventHubs, and Kafka (SASL)
- Enabled GitOps rollouts via ArgoCD, with Helm, Kustomize, and Istio
- Implemented monitoring & logging with Grafana, Prometheus, and Loki
- Supported cross-company PoC collaboration and release processes

### Automotive Sector (02/2021 - 09/2021)
**AWS Infrastructure, Full-Stack & Deployment Automation**

- Cloud infrastructure and CI/CD automation using AWS CDK (Python, Java, JS) and Terraform
- Implemented GitHub workflows with SemVer, feature branches, and pull request pipelines
- Managed CDN integrations (Contentful, AWS CloudFront, Verizon Edge)
- Developed Java Spring Boot microservices and REST APIs
- Deployed serverless APIs using AWS Lambda and API Gateway (Python)
- Designed database failover & backup strategies for AWS Neptune (Graph DB) and AWS DocumentDB (MongoDB)
- Integrated tooling like APIGEE (API mgmt) and New Relic (observability)
- Collaborated in an agile Scrum team with 2-week sprints (JIRA, MS Teams)

# EDUCATION

**B.Sc. Business Informatics (10/2012 – 2015)**

**Dual Program with Siemens AG, DHBW Baden-Württemberg, Karlsruhe**

- Focus: IT Systems Architecture, Software Engineering, Databases, Networking, Economics & Business
- Combined academic studies with hands-on projects at Siemens AG
- Practical modules included: Web development, Java, Python, SQL, Business Process Modeling, SAP integration

# SKILLS

| Skill | Years | Level |
|-------|-------|-------|
| **Cloud & Infrastructure** | | |
| Terraform | 10 | |
| CDK | 3 | |
| Cloud | 10 | |
| Azure | 7 | |
| AWS | 5 | |
| **DevOps & Automation** | | |
| GIT | 10 | |
| CI/CD | 10 | |
| **Containers & Platforms** | | |
| Linux | 6 | |
| Kubernetes | 5 | |
| Docker | 7 | |
| **Programming Languages** | | |
| Typescript | 5 | |
| Bash | 7 | |
| Python | 3 | |

# LANGUAGES

German (Native)

English (C1 Business Fluent)

# CERTIFIACTES

Siemens Business Competence

(Modules 1-3)

Cambridge BEC Business Higher