

Tom Schiffmann

Cloud & DevOps Engineer · AWS Solutions Architect Professional

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Available for new projects
On short notice · remote or hybrid

PROFILE

Cloud & DevOps engineer with 7+ years of hands-on delivery for startups and enterprises such as Deutsche Bahn. I design and run cloud-native platforms on AWS and Kubernetes — infrastructure as code, GitOps delivery, observability — and bring the engineering depth to ship the product on top: TypeScript, Node.js and React.

CORE SKILLS

Cloud & Platform
AWS · Kubernetes · Terraform · Serverless · Docker

Delivery & Observability
GitLab CI/CD · ArgoCD · Helm · Jenkins · Grafana · Prometheus

Engineering
TypeScript · Node.js · React · Next.js · React Native

Data
PostgreSQL · DynamoDB · MongoDB · Neo4j

EXPERIENCE

2026 — present

Cloud & DevOps Consultant

Cloudhelden · Cloud & DevOps enablement for engineering teams

- Hands-on sessions on AWS, Kubernetes, Terraform and CI/CD with real, working setups
- Production practices from client projects: GitOps, infrastructure as code, security
- Helping teams take what they build straight into their own environments

Stack: AWS · Kubernetes · Terraform · CI/CD · Docker

2025 — 2026

IT Consultant

Deutsche Bahn · 300,000+ employees · Cloud-native platform delivery in transport

- Built the frontend with Next.js and React — responsive and accessible, implemented from Figma designs
- Built CI/CD pipelines with GitLab and Docker; rolled out releases to Kubernetes via GitOps with ArgoCD and Helm charts
- Operated AWS services (ECS, RDS, Lambda, S3) and PostgreSQL databases
- Added unit, integration and E2E tests (Jest, Cypress, Playwright)
- Improved documentation, test automation and DevOps processes

Stack: AWS · Kubernetes · Next.js · ArgoCD · Helm · GitLab CI/CD · React · Docker · ECS

2023 — 2025

Cloud & DevOps Instructor · Technical Lead

Techstarter · Cloud & DevOps curriculum and training

- Designed and delivered training on AWS, Azure, CI/CD, Terraform, security and ML basics
- Built an AI-powered slide generation tool for course content
- Mentored junior developers and streamlined the course delivery pipeline

Stack: AWS · Azure · Terraform · CI/CD · Cloud Security · Linux · Ansible · Python · Node.js

2023

AWS DevOps Engineer

Deutsche Bahn · 300,000+ employees · Data ingestion & enrichment platform for freight logistics

- Built a cloud platform to ingest and enrich transport data
- Managed infrastructure as code with Terraform and the Serverless Framework
- Set up monitoring with Grafana, Prometheus and CloudWatch

Stack: AWS · Serverless · Terraform · Node.js · DynamoDB · GitLab CI/CD · Docker · ElasticSearch · Grafana

2023

Fullstack Developer

Palau · Startup · React Native platform for a consumer app

- Built the React Native app and the Node.js backend on AWS
- Implemented authentication and REST APIs on MongoDB Atlas
- Automated app releases

Stack: React Native · Node.js · AWS · MongoDB Atlas · TypeScript · Mongoose · REST API · Authentication

2021 — 2022

Fullstack Developer

Logistics enterprise · 10,000+ employees · Employee & customer-facing application platform

- Migrated the legacy Angular frontend to React
- Managed Keycloak SSO via Jenkins and CI pipelines
- Built scalable backend APIs with Node.js

Stack: React · Node.js · Keycloak · Jenkins · TypeScript · AWS · ElasticSearch · MongoDB Atlas · REST API

2018 — 2021

Fullstack & DevOps Engineer

Scive · AWS Activate startup · Multi-platform event platform

- Built a multi-platform event platform with React, React Native, Next.js and Electron
- Developed and deployed the full backend and frontend stack
- Serverless backend on AWS with MongoDB Atlas and Neo4j
- Automated infrastructure with GitLab CI/CD and AWS CloudFormation
- Shipped three apps: admin CMS, iOS/Android app and public event platform

Stack: AWS · Serverless · React Native · Next.js · GitLab CI/CD · TypeScript · Node.js · React · Electron

CERTIFICATIONS

AWS Certified Machine Learning - Specialty	Amazon Web Services · 2025
AEVO Trainer Certificate	IHK · 2024
AWS Certified Trainer	Amazon Web Services · 2023
Microsoft Azure Fundamentals (AZ-900)	Microsoft · 2023
AWS Solutions Architect Professional	Amazon Web Services · 2022
AWS Solutions Architect Associate	Amazon Web Services · 2022

EDUCATION

M.Sc. Applied Computer Science
HS Flensburg, Germany

Computer Science preparation (exchange, 1 year)
TU Delft, Netherlands

B.Sc. Mechanical Engineering
FH Kiel, Germany

LANGUAGES

German — native
English — fluent
Spanish — basic