Kevin Hoffmann

Software Developer| Cloud & DevOps Engineer

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Github   LinkedIn

Summary

Full-Stack & DevOps Engineer with hands-on experience building and deploying secure, cloud-native applications on AWS. Skilled in Python, TypeScript, CI/CD automation, and infrastructure as code (Terraform). Experienced in leading technical teams, combining background in social work for a unique, user-centric approach to problem-solving and clear communication.

Projects

Layered AI
AI-powered real estate platform
Sep 2025 - Nov 2025

- Led the end-to-end development of a **full-stack, AI-powered** platform
- Built and maintained the core cloud infrastructure (**AWS, Terraform)** and observability stack (**Loki, Prometheus, Grafana**).
- Developed backend-for-frontend (BFF) endpoints, implement **LLM orchestration** (RAG), and was responsible for the foundational **microservices** (Auth, Users) and their **testing infrastructure** (Playwright, Jest).

Playnext MVP
Mar 2025 - Aug 2025

- Developed an intelligent recommendation engine using **Google Gemini** for context-aware suggestions.
- Integrated **FastAPI backend** with a **PostgreSQL** database and a **React frontend**.
- Designed endpoints for storing user preferences, analyzing gameplay data, and generating recommendations.
- Focused on **real-world LLM integration**, including prompt engineering, API optimization, and caching.
- Deployed locally and via cloud environments for testing and scalability.

Project Link

Education

Masterschool
Software Engineering
Training Program
Sep 2024 - Nov 2025

- Acquired hands-on experience through an immersive program, developing full-stack applications using Python, OOP, Databases, SQL, Flask, HTML, CSS, JavaScript.
- Applied software engineering principles such as object-oriented programming (OOP), test-driven development (TDD), and version control (Git, GitHub) in real-world projects.
- Gained hands-on experience with modern DevOps, including containerization with Docker , building CI/CD pipelines with GitHub Actions , and Application Deployment with AWS.

Goethe-University Frankfurt
Special Needs Education
State Examination
Oct 2016 - Oct 2023 (Incomplete)

Soft Skills

Analytical Thinking, **Communication**, **Leadership**, **Problem-solving**, **Teamwork**

Technical Skills

Languages (Python, HTML, CSS, JavaScript, TypeScript, SQL),
Frameworks & Libraries (React, Node.js, Express.js, Jest, FastAPI, Flask, SQLAlchemy),
Cloud & DevOps (Terraform, AWS, Docker, GitHub Actions, CI/CD, Git, Postman, DevSecOps, PostgreSQL, SQLite, Loki, Prometheus, Grafana),
Methodologies (Agile, DevSecOps, OOP, TDD, BDD, Pytest, Unit Testing)

Experience

webeet
Software Engineer
Germany
Sep 2025 - Nov 2025

- **Led a cross-functional intern team** to deliver a high-priority cloud project on time, driving technical alignment and execution under tight deadlines.

- **Provisioned secure AWS infrastructure** (S3, IAM) with **Terraform**, developing reusable IaC modules that enforced DevSecOps principles (least privilege, encryption, auditability).

- **Built a full-stack TypeScript application** (React, Node.js, Express) following **TDD and BDD methodologies**, implementing automated tests with **Jest**, and designing for clean architecture and responsiveness.

- **Engineered a comprehensive monitoring stack** using **Prometheus and Grafana** integrated with **Loki**, enabling real-time logging and metric analysis to ensure system reliability and performance.

- **Streamlined team workflows** through Agile sprints and Git best practices (feature branching, pull requests, code reviews), improving delivery consistency and collaboration.

https://www.webeet.io/

Self-Employed
Independent Social Care Assistant
Offenbach am Main, Germany
May 2021 - Mar 2023

- Supported up to 8 individuals with disabilities in managing daily activities, fostering autonomy and social inclusion

- Coordinated personalized care plans, enhancing client independence and engagement by 30%

- Managed scheduling and documentation with 100% accuracy and discretion

Sophie-Scholl-School
Lead Instructor
Flörsheim, Germany
Aug 2020 - Mar 2021

- Designed and delivered intensive German lessons to refugee and migrant students, improving average language proficiency by 2 CEFR levels

- Led a classroom of 15+ students with diverse backgrounds, achieving a 90% attendance rate

Sophie-Scholl-School
After-School Program Educator
Flörsheim, Germany
Aug 2016 - Jan 2020

- Supervised and mentored 20+ students daily in structured after-school activities

- Developed educational workshops that boosted student engagement by over 40%

- Supported homework sessions, leading to an average grade improvement of one full level in core subjects

Languages

German (Native), **English** (C1), **French** (A2)