

TRUNG HIEU LE (HIEU)

Software Engineer

<https://www.linkedin.com/in/hieule148/>

EXPERIENCE

DevOps Engineer - Full time

Haeger Consulting

📅 08/2023 - Present 📍 Bonn, NRW, Germany

Company Description

- In my role as a DevOps Engineer, I defined the necessary infrastructure using Infrastructure as Code (IaC) and deployed both the backend, frontend, and Keycloak using Helm Charts in an Elastic Kubernetes Service (EKS) cluster. Particular emphasis was placed on ensuring that the databases were highly available, distributed across multiple data centers, and encrypted to comply with the General Data Protection Regulation (GDPR). The implementation included the complete provisioning of the cloud infrastructure via Terraform, enabling efficient and consistent deployments. The configuration was done using EKS and Helm Charts, ensuring a standardized and streamlined management of the Kubernetes cluster and the applications. A well-designed CI/CD pipeline automated the entire process, from image builds to infrastructure configuration, ensuring smooth and functional deployments across multiple environments. Additionally, a large interdisciplinary team was formed, combining both the development and DevOps teams.

Cloud Engineer - Full time

Materna Information & Communications SE

📅 12/2021 - 08/2023 📍 Frankfurt am Main, Hesse, Germany

Company Description

- 2gether Project:** Multiple applications were designed and developed to facilitate collaboration and teamwork. Technologically, these are web applications built using Kotlin with Spring Boot and a serverless architecture for the backend, and TypeScript with React for the frontend. The applications are hosted on AWS, with Amazon Cognito providing user authentication. PostgreSQL and DynamoDB are used for database management.
MIT Showcase: Developed an IoT service using AWS IoT Core, hosted on a Raspberry Pi for on-site communication. The tech stack includes React.js, Python, AWS Lambda, and AWS SNS.
Cross-platform E-commerce Mobile Application: Worked on the Proof of Concept (POC) phase and later took primary responsibility for DevOps and project configuration. This involved working with tools such as Docker, GitLab, Jenkins, SonarQube, Dependency-Track, and specific build tools.uration of the Project. This included working with Docker, Gitlab, Jenkins, SonarQube, Dependency Track and specific build-tools

Software Engineer - Part time

PipePredict

📅 08/2019 - 12/2021 📍 Darmstadt, Hesse, Germany

Company Description

- I assisted the CTO with web development, where I gained my first experience with React.js and Node.js. Following that, I completed my Bachelor's thesis on the topic: "Comparing Supervised Machine Learning for Leak Detection." The technical environment for this project included data processing, data visualization, machine learning with Python, and ML optimization.

SKILLS

Python Java ReactJs Kotlin

Spring OO-Programming

Quarkus TypeScript / JavaScript

NextJs AWS GCP Terraform

Linux Microsoft Azure Helm

Kubernetes Openshift Ansible

ELK Stack AWS CDK Postgresql

Service Mesh Istio MySql

Infrastructure Monitoring Oracle DB

Infrastructure-as-code MongoDB

DynamoDB

Prometheus Grafana Loki

Git/Jira/Confluence

EDUCATION

Master of Science - MS, Computer Science

FernUniversität in Hagen

📅 04/2023

Bachelor of Science - BS, Computer Science

Darmstadt University of Applied Sciences

📅 01/2018 - 12/2021

LANGUAGES

French
Beginner



English
Proficient



Vietnamese
Native



German
Proficient



SUMMARY

DevOps and Software Engineering professional with 4+ years of experience in DevOps and Software Engineering, expert in cloud engineering and full-stack development. My key achievements include leading cloud infrastructure projects at Materna Information & Communications SE and contributing to ML development enhancements at PipePredict. Seeking a DevOps position at Haeger Consulting, where I bring my Infrastructure and Software Development skills to support your mission of driving innovation and operational efficiency.

CERTIFICATIONS AND DEVELOPMENTS



Cloud and DevOps Developments

DevOps on AWS Specialization

Coursera Course Certificates

AWS Certified Developer – Associate

Amazon Web Services (AWS)

Azure for DevOps: Continuous

Integration

LinkedIn

Cloud Architecture: Design Decisions

LinkedIn

Kubernetes: Monitoring with

Prometheus

LinkedIn