Michael Johnson

Berlin, Germany

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Education

Technical University of Berlin

Bachelor of Science in Software Engineering

Oct 2020 - Sep 2024 (Expected) | Berlin, Germany

GPA: 4.85/5.00

Activities: Google Developer Student Club Lead, University Hackathon Organizer, IT Mentor for Freshmen

Relevant Coursework: Software Architecture, Distributed Systems, Computer Networks, Web Development, Cloud Computing, AI & Machine Learning, Data Structures & Algorithms, Database Management, Functional Programming

Summer School: University of Cambridge 2023 (GPA: 9.5/10), ETH Zurich 2024 (GPA: 10/10)

Work Experience

Software Engineer Intern | Siemens AG | Jun 2023 - Dec 2023 | Berlin, Germany

- Designed and developed microservices-based applications using Java and Spring Boot, enhancing scalability and maintainability.
- Implemented CI/CD pipelines using Jenkins and GitHub Actions, reducing deployment time by 40%.
- Worked on a cloud-native application deployed on AWS (ECS, S3, Lambda) and optimized serverless functions.

Skills

Programming: Python, Java, JavaScript, C++, Go, TypeScript

DevOps Tools: Docker, Kubernetes, Jenkins, Terraform, GitHub Actions

Frameworks: Spring Boot, Flask, React, Next.js, TailwindCSS

Databases: PostgreSQL, Redis, Firebase

Cloud Platforms: AWS (Lambda, DynamoDB, S3), Google Cloud

Methodologies: Agile (Scrum, Kanban), Design Patterns, Microservices

Other Skills: RESTful API Design, Cloud-Native Development, Security Best Practices, CI/CD

Pipelines

Certificates

Udemy: AWS Certified Solutions Architect, Mastering Kubernetes

LinkedIn Learning: CI/CD with Jenkins, DevSecOps Essentials

Google Cloud Training: Kubernetes Engine Fundamentals

Awards

Finalist - Google Cloud Hackathon 2023: Built an AI-powered chatbot for business automation.

Best Project Award - TU Berlin AI Showcase 2022: Developed a deep learning model for real-time speech recognition.

DAAD Scholarship Recipient.