Sandun Sameera

Software/Devops Engineer | AWS Certified Solution Architect - Associate
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Personal Summary

A Software Engineer with expertise in both DevOps and software engineering aspects. Adept in backend development and proficient in Agile methodologies. Proven ability to design and implement efficient software solutions, ensuring quality through rigorous testing practices. Passionate about continuous learning and staying current with emerging technologies. Collaborative team player with a history of success working in cross-functional environments to deliver cutting-edge software products. Committed to innovation and driving positive impact in dynamic software engineering settings.

Education

BSc. in Information Systems
University of Colombo School of Computing (UCSC)
January 2018 – December 2021
Second Upper Class Honours [GPA: 3.347]

Certifications

AWS Certified Solution Architect
Certification Date: April 2024

Professional Experience

Senior Software Engineer
Yaalalabs Private Limited, Sri Lanka
January 2024 – Present

- Developed, maintained, and monitored AWS infrastructure resources using Terraform and Ansible.
- Deployed and maintained production systems for Cabonplace in collaboration with Millennium IT ESP.
- Implemented and maintained Bitbucket pipelines for task automation.
- Introduced new developer-support tools, reducing AWS bills by 10% through creative strategies and industry standards.
- Automated developer tasks with BASH scripts, improving team productivity.

Skills: Bash, Terraform, Ansible, AWS, Docker, Helm, Microk8s, CICD, Release Management, AWS ECR, AWS ECS, AWS DevOps (CloudWatch), AWS EKS.

Software Engineer
Yaalalabs Private Limited, Sri Lanka
February 2022 – December 2023

- Designed and developed latency-critical components for the fintech product P8.
- Refactored codebases using proper software development design principles.
- Developed clean, testable code aligned with modern software development standards.
- Tuned performance of existing components to meet benchmarks.

Skills: Java, TypeScript, JavaScript, Node.js, Bash, Vert.x, MongoDB, AWS.

Software Engineer
Scicom Lanka Limited, Sri Lanka
February 2022 – December 2023

- Worked on Java backend and frontend integration for border management projects.

Skills: Java, Spring Boot, Spring MVC, Angular, MariaDB, RabbitMQ.

Hackathons

- **DIGI-edu-hack19**: Achieved first place for creating an all-in-one education platform for rural students.
- **Hack 20**: Shortlisted for final 20 competitors for creating an environmentally supportive mobile application using flutter.
- **Pre-hacktoberfest**: Secured second place for creating & enhancing a mobile application detecting atmospheric pollution.

Skills & Interests

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, Bash, Python, C
- **Cloud Technologies:** AWS (EKS, ECS, CloudWatch, DevOps), GCP
- **Infrastructure Tools:** Terraform, Ansible, Docker, Helm, Microk8s.
- **Frameworks and Libraries:** Spring Boot, Spring MVC, Vert.x, Angular.
- **Databases:** MongoDB, MariaDB, Dynamodb
- **Messaging Systems:** RabbitMQ.

Interests

- Cloud computing
- Backend development
- Latency critical Software development
- Agile Methodologies
- Auto-scalable system designing

References

Mr. Wathsara Daluwatta
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