

Kavindu Chamiran

Senior Software Engineer

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Professional Summary

- Solid Java development experience with 4 years of firsthand expertise developing RESTful APIs and microservices.
- Full stack proficiency in React, Spring framework, Docker, and AWS cloud, 3x certified in Kubernetes.
- Experience designing, building, and maintaining highly available, scalable, production cloud-native architectures.

Professional Experience

Enactor Ltd. | London | Java, Spring Boot, MySQL, React, AWS, Kubernetes

4 years

Senior Software Engineer / Associate Technical Lead

November 2022 – Present

- Leading a team of 6 developers to build a platform to manage cloud deployments, allowing users to deploy production-grade **AWS** environments with ease, reducing complexity by 70% and saving time.
- Engaging in quality control of deliverables by reviewing team members' work and sharing constructive feedback.
- Engineered high-performance **REST APIs** for managing **AWS** environments using **Java**, **Spring Boot**, and **MySQL**.
- Conducted customer training on deploying microservices on **Kubernetes**, delivering online sessions, presenting tailored materials, improving customer trust and satisfaction, and received consistently positive feedback.
- Awarded with the "Enactor Core Member" recognition (top 5% performers out of 400+) for 2 years consecutively, for demonstrating exceptional contributions to mission-critical operations and organisational success.

Senior Software Engineer

October 2021 – November 2022

- Spearheaded the development of 20+ features through detailed technical specs, resulting in platform expansion.
- Ensured API security and compliance by developing and integrating a role-based access control framework in **Java**.
- Accelerated API performance by 60%, reducing response time from 20ms to 8ms through strategic database optimization, including query tuning, index implementation, and sharding techniques.
- Developed responsive and user-friendly UIs with **React** and **Redux**, improving usability and user satisfaction.
- Cultivated a thriving and collaborative environment by conducting weekly technical knowledge-sharing sessions on crucial topics including **Java**, **Microservices**, **Docker**, **Kubernetes**, **AWS**, **Git**, and **relational databases**.

Software Engineer

February 2020 – September 2021

- Solved performance bottlenecks of 7+ **Java microservices** by efficiently utilizing optimal algorithms, queues, multithreading, and caching, resulting in a 30% reduction in service response time and server resource utilization.
- Streamlined the development workflow by developing and optimizing production-ready **Docker** images, adhering to industry best practices for improved security and scalability.
- Improved product build and delivery efficiency by 60% by implementing efficient **CI/CD** pipelines on **Jenkins**.
- Automated orchestration of 20+ **AWS** services using **Terraform** and **Ansible**, minimising deployment time by 50%.

Education

Bachelor of Science (B.Sc. Honours), University of Moratuwa, Sri Lanka

Specialised in Computer Science and Engineering, Dean's list recognition.

Certifications

Certified Kubernetes Security Specialist (CKS), Certified Kubernetes Administrator (CKA), Certified Kubernetes Application Developer (CKAD), IELTS General Training

Skills

Java, Spring Boot, Spring Framework, Microservices, RESTful APIs, Hibernate, React, Redux, MySQL, Amazon Web Services (AWS), Python, JavaScript, Kubernetes, Containers, Docker, Helm, DevOps, Terraform, Infrastructure-as-code, Ansible, Deployment automation, Cloud Native architectures, Git, Agile engineering practices, Maven, Tomcat, TestNG, Jenkins, Jira