

# Kavindu Chamiran

Senior Software Engineer

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## Professional Summary

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- 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

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

4 years

Senior Software Engineer / 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 **Kubernetes** deployment of microservices, 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

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

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

## Certifications

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

## Skills

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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