

KAVINDU CHAMIRAN

Java Backend Developer

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Colombo, LK

PROFILE SUMMARY

Multiskilled Java Backend Developer with over 4 years of software development expertise with firsthand experience in Java, Spring Boot, and Hibernate. Adept at writing elegant, reusable code and deep exposure in the AWS and Azure cloud. 3x certified Kubernetes developer with a thorough understanding of Docker and containerization. Proven track record of leading teams in a fast-paced Agile environment, contributing to the organization's continuous growth. I am actively looking for impactful and challenging projects where I can apply my skills and expertise.

SKILLS PROFILE

- **Programming Languages:** Java, J2EE, Spring, Spring Boot, JPA, Hibernate, React, Redux, SQL
- **Tools:** Apache Maven, TestNG, JUnit, Apache Tomcat, Eclipse, Jenkins, Mockito, Git, Jira
- **Public Cloud Computing:** Amazon Web Services (AWS), Azure
- **Container Orchestration:** Kubernetes, Helm, Docker, Docker Swarm
- **Databases:** MySQL, MariaDB, Amazon RDS, Relational Database Management Systems
- **Software Development Methodologies:** Agile, Scrum
- **Soft Skills:** Problem-solving, Teamwork, Active listening, Openness to change, Ability to learn quickly.

WORK EXPERIENCE

Enactor Ltd. London/Colombo (*Java, Spring Boot, Hibernate, React, AWS, Kubernetes*) February 2020 – Present

Enactor is one of the leading retail POS software systems in the world, used by 40+ international retail brands including Harrods, Dunelm, JYSK, Macy's, and Chanel. At Enactor, my team is responsible for streamlining the delivery, deployment, and scalability of the Enactor products and the development and maintenance of the Enactor Deployment Portal, a platform for managing Enactor's cloud deployments. I was reporting to my Delivery Manager and the CTO.

Associate Technical Lead November 2022 – Present

- I oversee the Deployment and Scalability team, providing technical leadership to 6 software engineers.
- Improved delivery quality and team performance by reviewing team members' work, ensuring compliance with best practices, coding standards, and software design principles, and offering constructive feedback.
- I was recognized as a "Core Enactorian" for 2 consecutive years, a selection of the highest-performing individuals in the organization, who are vital for the company's operations and success.
- Conducted successful customer training for Macy's and El Palacio on deploying Enactor services on Kubernetes.
- Architected 10+ comprehensive technical specifications for the Deployment Portal, transforming it into an all-in-one solution for managing Enactor's SAAS deployments on AWS.

Senior Software Engineer October 2021 – November 2022

- Built a scalable & secure REST API, capable of processing 1000+ concurrent requests, for the Deployment Portal using Java and Spring Boot, with role-based access control and multi-tenancy.
- Designed and implemented a responsive UI using React and Redux for the Deployment Portal and wired it with the backend. Integrated Google OAuth for seamless work email sign-ins to enhance user experience.
- Optimized Java microservices, addressing performance bottlenecks through effective multithreading, caching, and optimal data structures, resulting in a 30% reduction in response time and server resource consumption.
- Led technical knowledge-sharing sessions on Git, Docker, Kubernetes, and Continuous Integration/Deployment, receiving positive feedback for clarity, depth, and audience engagement.

- Enabled the Enactor Estate Manager to seamlessly import large JSON datasets from NoSQL databases into MySQL.
- Automated the Enactor product build process by creating CI/CD pipelines in Jenkins, improving efficiency by 40%.
- Established expertise as the primary troubleshooter for Docker, Kubernetes, AWS deployments, and Jenkins build-related issues within the organization, and across Enactor customers.
- Created optimized Docker images for new Enactor products, leveraging best practices such as multi-stage builds.

[Zeptolytics Pvt. Ltd.](#) Colombo (Python, NodeJS)

June 2018 - December 2018

Software Engineering Internship

- Implemented an in-memory caching layer with Redis, to reduce load on the primary MongoDB database.
- Developed a middleware with NodeJS to intelligently route database queries to the cache and primary database.

[MuseScore.](#) Belgium (C++, Qt)

Jan 2018 - May 2018

Open-Source Developer

- Developed an interactive lyrics editor for the MuseScore score writing software, with built-in spell checking.

CERTIFICATIONS

- Certified Kubernetes Security Specialist (CKS) October 2023
- Certified Kubernetes Administrator (CKA) December 2022
- Certified Kubernetes Application Developer (CKAD) October 2022

EDUCATION

Honors Degree of Bachelor of Science in Engineering

January 2020

Specialization: Computer Science and Engineering

Modules: Data Structures and Algorithms, Computer Architecture, Operating Systems, Computer Networks, Database Systems, Computer Security, Concurrent Programming, Distributed Systems, Information Security & Cryptography

University of Moratuwa, Sri Lanka

Dean's List recognition for Semesters 6 and 8 for achieving a GPA of 3.80 or higher out of 4.2.

IELTS General Training

January 2022

IELTS Official

Band score: 7.5 out of 9

EXTRACURRICULAR ACTIVITIES

- Member of the Galle Toastmasters Club.
- Member of the Enactor Galle Badminton team. Runners-up of 2022 friendly 2v2 Badminton tournament.
- Led the organization of Enactor engagement events including the 2022 year-end party, weekly technical knowledge sharing sessions, and a friendly 1v1 Carrom tournament.
- Past member and ex-social media coordinator of the Gavel Club at the University of Moratuwa.

VOLUNTARY WORK

- Played a key role in Enactor's Corporate Social Responsibility program, actively contributing to underprivileged schools in rural Sri Lanka, aimed at improving primary infrastructure facilities and providing stationary items.
- Volunteered as an English teacher for underprivileged students in a project organized by the UoM Leo Club.
- Actively volunteers in a program conducted by Animal SOS Sri Lanka, dedicated to feeding stray animals.

REFERENCES

References are available upon request.