

Kavindu Chamiran

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SUMMARY

Multiskilled Senior Back End Developer with over 4 years of software development experience with hands-on experience in Java, Spring Boot, and Hibernate. Adept at writing elegant and reusable code and deep exposure in the AWS cloud. Proven track record of thriving in a fast-paced Agile environment, contributing to the continuous growth of the team and the development of market-leading platforms. I am currently on the lookout for challenging opportunities where I can apply and further develop my skills, contributing to meaningful projects and fostering professional growth.

EXPERIENCE

Enactor Ltd. London/Colombo

February 2020 – Present

Associate Technical Lead (Java, Spring Boot, Hibernate, MySQL, Maven)

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 was responsible for streamlining the delivery, deployment, and scalability of the Enactor products. I was reporting to my Delivery Manager and the CTO.

- Orchestrated and directed the Deployment and Scalability team at Enactor, overseeing a proficient group of 6 junior and senior Java developers to ensure seamless project execution and scalability initiatives.
- Engineered a highly scalable, secure, and robust RESTful API with Spring Boot, for the Enactor Deployment Portal, capable of seamlessly managing substantial traffic volumes and concurrent transactions with exceptional efficiency.
- Solved performance bottlenecks of over 7 Java microservices by efficiently utilizing caching, fixing memory leaks, and optimizing database queries. Reduced the response time and resource consumption by 30% overall.
- Authored comprehensive technical specifications for new Java and Spring Boot microservices, outlining project requirements, design parameters, and implementation guidelines to provide a clear roadmap for development teams.
- Maintained detailed documentation for code, APIs, and system architecture to facilitate collaboration within the development team and significantly boost overall efficiency in teamwork.

CAREER HIGHLIGHTS

- Collaborated with Enactor employees from the United Kingdom, the United States, and 3 offices in Sri Lanka. Frequently worked directly with the CTO on architecting numerous projects and planning work for the team.
- Collaborated closely with Enactor clients including Macy's, El Palacio, and Chanel to understand their needs, address inquiries, and provide technical guidance to deploy and get started with Enactor products.
- Was recognized as a "Core Enactorian" for 2 consecutive years, a selection of the highest performing individuals vital for the company's operations and success.

PROJECTS

Enactor Deployment Portal

May 2020 – Present

The Enactor Deployment Portal is a user-friendly dashboard to manage cloud deployments on AWS. It allows users to deploy fully-fledged production-grade cloud environments without requiring any cloud knowledge. It can manage all stages of an environment's life cycle from its creation to destruction and is used to manage all Enactor deployments.

- Designed and developed a robust, high-performance, and scalable backend REST API using Java and Spring Boot.
- Enhanced application's security and access control by implementing a stateless authentication system with role-based access control and multi-tenancy support, using JSON Web Tokens (JWTs).
- Ensured optimal data storage, retrieval, and data integrity in MySQL database by designing efficient ER diagrams.
- Validated product functionality before pushing to production by testing Java applications with TestNG and Mockito.
- Prepared Java applications to be deployed on Kubernetes by building Apache Tomcat-based container images and Helm Charts. Implemented a CI/CD pipeline on Jenkins to automate the delivery and deployment process.

The Enactor Estate Manager is an all-in-one platform to easily manage retail estate across multiple stores. It allows retailers to centrally control all their stores across the globe, in real-time.

- Facilitated the onboarding process for Thorntons, a new Enactor client from the UK, to seamlessly transition from their existing legacy POS system with an established NoSQL database to the Enactor POS with MySQL database.
- Implemented a new feature enabling the Estate Manager to read and import large quantities of JSON data.
- Developed a data migration pipeline to convert Thorntons' existing data schemas to Enactor data schemas.
- Worked directly with the client and guided the successful migration of data from the previous system, ensuring a smooth and efficient transition for the client.

SKILLS AND INTERESTS

- **Programming Languages:** Java, J2EE, Spring, Spring Boot, JPA, Hibernate, Microservices
- **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, MongoDB, Relational Database Management Systems, Amazon RDS, Redis
- **Software Development Methodologies:** Agile, Scrum
- **Soft Skills:** Ability to work well as part of a team, critical thinking, analysis, and problem-solving, leadership.

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 in a project by Leo Club, University of Moratuwa for underprivileged students.
- Actively volunteers in a monthly program conducted by Animal SOS Sri Lanka, dedicated to feeding stray animals.

EDUCATION

Honours Degree of Bachelor of the Science of Engineering

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

Graduation Date: January 2020

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

IELTS General Training

IELTS Official

Band score: 7.5 out of 9

CERTIFICATIONS

- Certified Kubernetes Security Specialist (CKS) *October 2023*
- Certified Kubernetes Administrator (CKA) *December 2022*
- Certified Kubernetes Application Developer (CKAD) *October 2022*
- Reading for the AWS Solutions Architect Associate exam.