

Kavindu Chamiran

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SUMMARY

Multiskilled Senior Back End Developer with over 5 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.

EXPERIENCE

Enactor Ltd. Hertfordshire/Colombo
Associate Technical Lead

February 2020 – Present

Enactor is a UK-based Software Company developing one of the leading retail software systems in the world. Built with complete flexibility at its core, Enactor products are actively used by 40+ international retail brands across 30+ countries, with roughly 120K Enactor point-of-sale tills processing 20M+ daily transactions. There, I was responsible for streamlining the delivery, deployment, and scalability of the Enactor products on Kubernetes and Docker Swarm, across major cloud providers including AWS. I was reporting to the Team Delivery Manager and the CTO.

- Leads the deployment and scalability team at Enactor of 6 junior and senior developers.
- Developed and optimized microservices using Java and Spring Boot, resulting in a 20% improvement in application scalability and a 15% reduction in response times.
- Implemented highly scalable, secure, and robust RESTful APIs that can handle large volumes of traffic and concurrent transactions.
- Successfully integrated third-party systems, expanding application functionality by 25% and enhancing overall user experience.
- Implemented an authentication framework using JWTs with multi-tenancy support, reducing security vulnerabilities and ensuring the protection of sensitive data during transit.
- Maintained detailed documentation for code, APIs, and system architecture to facilitate collaboration within the development team, improving team collaboration efficiency by 30%.

PROJECTS

Enactor Deployment Portal

May 2020 - Present

The Enactor Deployment Portal is a user-friendly dashboard to manage all your cloud deployments on AWS. It allows you 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 Jersey framework. Ensured the API's security with stringent measures, providing a strong defence against potential threats.
- Implemented a stateless authentication system with role-based access control and multi-tenancy using JSON Web Tokens (JWTs), enhancing the application's security and access control.
- Designed efficient ER diagrams for the MySQL database, ensuring optimal data storage and retrieval, and maintaining data integrity.

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 customers 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 highest performing individuals who are vital for the company's operations and success.
- Conducted interviews with 40+ prospective candidates to assess their qualifications and fit for the organization. Participated as an interviewer at my university's careers fair in 2022 and 2023.

EXTRACURRICULAR ACTIVITIES

- Member of the Enactor Galle Badminton team. Runners-up of 2022 friendly 2v2 Badminton tournament.
- Organized several events at Enactor including the 2022 year-end party, weekly technical knowledge-sharing sessions, and a friendly 1v1 Carrom tournament.
- Member of the Swimming Club at Galle Light House Community Pool.
- 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.
- As an undergraduate, I volunteered as an English teacher for underprivileged students, delivering educational support to empower academic growth within underserved communities. The objective was to help them achieve the minimum requirement to find employment in Sri Lanka which is passing the ordinary-level examinations.
- Actively volunteers in a monthly program dedicated to feeding and caring for stray animals. Demonstrated a passion for animal welfare by consistently participating in the initiative, ensuring the well-being of vulnerable animals through regular feeding and compassionate care.

SKILLS AND INTERESTS

- **Programming Languages:** Python, Shell, Bash, Java, Spring framework, JavaScript, ReactJS, Redux
- **DBMS:** MySQL, MongoDB, Relational Database Management Systems, Amazon RDS, Redis
- **Public Cloud Computing:** AWS, Azure
- **Container Orchestration:** Kubernetes, Helm, Docker, Docker Swarm
- **Infrastructure Management:** Ansible, Terraform, CloudFormation
- **SCM:** Jenkins, Git, GitHub, Bitbucket
- **Open Source Software:** Ubuntu, Linux
- **Software Development Methodologies:** Agile, Scrum
- **Leadership:** Providing guidance and support, making informed and timely decisions, empowering team members to take ownership and initiative in their work, assigning tasks based on team members' strengths
- **Soft skills:** Ability to work proactively and independently, ability to quickly learn the latest trends and technologies, good communication skills.

EDUCATION

Honours Degree of Bachelor of the Science of Engineering

Specialization: Computer Science and Engineering (*Data Structures and Algorithms, Computer Architecture, Operating Systems, Computer Networks, Database Systems, Computer Security, Concurrent Programming, Distributed Systems, Object Oriented Software Development, 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.