

SACHITH CHAMARA

Senior Software Engineer | Full Stack Developer | Microservices | Cloud | AI-Ready

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Ratnapura, SL (Open to Remote)

Professional Summary

Senior Software Engineer with 10+ years of experience designing, developing, and maintaining scalable full-stack web applications and microservices. Proven expertise in Java, Spring Boot, RESTful APIs, AWS cloud services, and relational databases. Experienced in leading Agile/Scrum teams, implementing CI/CD pipelines, and delivering high-quality software in distributed, cross-functional environments. Strong communicator with a track record of collaborating with remote and international teams across USA, Middle East, and South Asia. Seeking a challenging remote Senior Software Engineer role to drive impactful solutions.

Core Competencies

- Backend Engineering: Java, Spring Boot, Node.js, Microservices, REST APIs
- System Design & Architecture
- Cloud & DevOps: AWS, Docker, CI/CD (Jenkins)
- Version Control & Build Tools: Git, SVN, Gradle, Maven, npm, yarn
- Databases: MySQL, MongoDB, MSSQL
- Frontend: React, Angular, JavaScript, HTML, CSS
- AI Driven Development
- Performance Optimization & Scalability
- Agile | Scrum Development
- Remote Collaboration | Cross-Functional Team Leadership

Professional Experience

Aeturnum Lanka (Pvt) Ltd | Colombo, Sri Lanka

Associate Technical Lead (February 2024 – Present)

Senior Software Engineer (August 2021 – January 2024)

Secure Fund Portal

- Architected and developed a full-stack transaction payment platform from the ground up, serving brokers, real estate offices, and landlords across leasing and sales operations.
- Designed and implemented microservices architecture using Java 8, Spring Boot, and Hibernate, ensuring scalability and maintainability.
- Integrated AWS services (Cognito for authentication, SES for email notifications) to enhance platform security and communication.
- Managed database schema versioning with Liquibase, reducing deployment risks and enabling seamless migrations on MySQL.
- Drove Agile/Scrum development processes and enforced CI/CD best practices using Jenkins and Gradle, improving release velocity.
- Optimized existing codebases for performance and reliability, resolving critical bugs and enhancing client-facing features.

Technologies: Java 8, Spring Boot, Hibernate, AWS (EC2, S3, Cognito, CodeDeploy), Microservices, Liquibase, MySQL, Jenkins, Git, Gradle

Incentivio Platform

- Contributed to the development of a multi-channel restaurant digital platform (web, mobile, in-store) supporting ordering, loyalty programs, marketing, CRM, and analytics for enterprise restaurant clients.
- Built and maintained microservices using Java 11, Spring Boot, and Hibernate, deployed on AWS infrastructure.
- Worked with both MySQL and MongoDB databases to support diverse data storage requirements across platform modules.
- Collaborated with distributed, cross-functional teams following Agile methodology to deliver features on schedule.
- Performed code-level optimizations and resolved production bugs, improving system stability and user experience.

Technologies: Java 11, Spring Boot, Hibernate, AWS (EC2, S3, EKS, Lambda, RDS, CodeDeploy), Microservices, Toast, Square, Revel, Silverware, QU API, MySQL, MongoDB, Jenkins, Git, Gradle

Kitchen Sync API

- Developed a RESTful API for integrating and synchronizing external POS order data from Toast and Square, enabling unified dashboard and reporting capabilities.
- Built the API using Node.js, Express.js, and TypeScript with MySQL as the data layer.
- Implemented Slack integration for real-time notifications and used Swagger for API documentation.

- Containerized the application with Docker for consistent deployment across environments.

Technologies: Node.js, Express.js, TypeScript, MySQL, Docker, Swagger, Toast and Square API, Slack Integration, GCP

Care Systems South Asia (Pvt) Ltd | Colombo, Sri Lanka

Senior Software Engineer (June 2020 - July 2021)

Workforce Management System (Re-Engineering)

- Led the re-engineering of a legacy Workforce Management System, modernizing the architecture and improving performance for clients in the USA and Middle East.
- Designed and implemented scalable backend services using Java 8, Spring Boot, and Spring MVC with Hibernate ORM.
- Integrated Spring Actuator for application monitoring and Swagger for comprehensive API documentation.

Technologies: Java 8, Spring Boot, Spring MVC, Hibernate, Spring Actuator, Swagger, MSSQL, Jenkins, SVN, Maven

Software Engineer (June 2019 - June 2020)

Workforce Management System

- Designed and developed an advanced web-based workforce management solution covering employee management, staff scheduling, time and attendance tracking, and payroll configuration for HR systems.
- Built responsive front-end interfaces using JSP, Bootstrap, JavaScript, jQuery, and AJAX.
- Followed Agile/Scrum development practices and CI/CD pipelines with Jenkins for continuous delivery.
- Optimized existing codebase and implemented new features using modern technologies, enhancing product capabilities and user satisfaction.

Technologies: Java 8, Spring Boot, Spring MVC, Hibernate, MSSQL, JSP, Bootstrap, JavaScript, jQuery, AJAX, Jenkins, SVN, Maven, Apache Tomcat

LOLC Advanced Technologies | Colombo, Sri Lanka

Associate Software Engineer (October 2018 - April 2019)

Vehicle Valuation System

- Designed and developed a web-based vehicle valuation system that streamlined valuation processes and improved customer responsiveness.
- Mentored development team members in Agile SDLC and Rapid Application Development (RAD) best practices.
- Ensured delivery of high-quality, secure applications with intuitive user interfaces using Spring MVC, Hibernate, and Oracle.

Technologies: Spring MVC, Hibernate, Oracle, JSP, Bootstrap, JavaScript, jQuery, AJAX, SVN, Maven, WebLogic Server

Olak Technologies (Pvt) Ltd | Colombo, Sri Lanka

Software Engineer (March 2018 - September 2018)

Farmer Portal System

- Developed an object-oriented web application for a leading food industry project management platform, serving a diverse client base.
- Contributed across the full software development lifecycle, from requirements definition through successful deployment.
- Earned the highest customer satisfaction rating for all software solutions delivered through rapid application development and proactive issue resolution.

Technologies: Spring MVC, Hibernate, MySQL, JSP, Bootstrap, JavaScript, jQuery, AJAX, Bitbucket, Maven, Apache Tomcat

Inhot Solutions (Pvt) Ltd | Colombo, Sri Lanka

Software Developer (November 2015 - February 2018)

- Developed and maintained an Institute Management System, handling development, modification, and documentation throughout the software lifecycle.
- Led the full SDLC for a Customer Feedback Management System for a local finance company, integrating RESTful web services for data exchange.
- Built native Android mobile applications (Fixed Asset Management App and Gate Pass Management App) for a hotel group, managing system design, development, and documentation.
- Contributed to the design and development of a Table Order Management System as an Android Developer.

Technologies: Java, Spring MVC, Hibernate, MySQL, MSSQL, JSP, Bootstrap, JavaScript, jQuery, RESTful Web Services, Native Android, Maven

Education

Bachelor of Science (Applied Sciences) - Special Degree in Computer Science and Technologies - Sabaragamuwa University of Sri Lanka

GCE Advanced Level Examination

Subjects: Combined Mathematics, Physics, Chemistry

Technical Skills

- Programming Languages: Java (8, 11), Node.js, JavaScript, TypeScript, PHP
- Backend Frameworks: Spring Boot, Spring MVC, Hibernate, Jersey, Node.js, Express.js
- Frontend Technologies: Angular, HTML5, CSS3, Bootstrap, JSP, JSF, jQuery, AJAX
- Architecture: Microservices, RESTful APIs (JAX-RS), MVC, Object-Oriented Design
- Cloud & DevOps: AWS (EC2, S3, RDS, Cognito, CodeDeploy), Docker, Jenkins, CI/CD
- Databases: MySQL, Microsoft SQL Server, Oracle, MongoDB, Firebase
- Mobile Development: Native Android (Java)
- Build Tools: Gradle, Maven, Ant
- Version Control: Git, SVN, Bitbucket
- Reporting: Jasper Reports, iText
- Methodologies: Agile, Scrum, SDLC, Design Patterns
- Tools: Jira, Slack, Microsoft Teams, Swagger, Liquibase, STS, IntelliJ IDEA, VS Code
- Application Servers: Apache Tomcat, WildFly (JBoss), WebLogic Server