

Sampath Thennakoon

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SOFTWARE ENGINEER / TECHNICAL LEAD

Results-driven software engineer with over 12 years of industry experience in diverse technology stacks, encompassing Java, Spring Boot, React JS, Angular JS, Kubernetes, Docker, and AWS. Proficient in backend development, agile methodologies, and maintaining critical systems. Known for designing and implementing high-availability infrastructure, optimizing CI/CD pipelines, and enhancing security. Strong communication skills and a passion for staying at the forefront of emerging technologies.

STRENGTHS AND EXPERTISE

Java 17	Spring Boot	MySQL DB	Redis	JPA / Hibernate	AWS S3
Java EE	Spring MVC	Oracle DB	EH Cache	MyBatis	AWS Cognito
Node JS	Tomcat	Mongo DB	API Gateway	RESTful services	AWS Lambda
Python	JBoss EAP	PostgreSQL	Eureka / Zuul	SOAP integrations	AWS SNS
TypeScript	Gradle	MS SQL Server	GIT	Jenkins	AWS SES
C#.Net	Maven	Cassandra DB	SVN	Docker / Kubernetes	AWS SQS

ADDITIONAL EXPOSURE TO

MATLAB	New Relic	Liferay CMS	Jasper Server	Visualize JS	Firebase
Nest JS	Grafana	Directus CMS	Jasper Report	MS IIS	Git Actions
React JS	Kibana	Openbravo ERP	KNIME Analytics	Node Server	TensorFlow
Angular JS	Logstash	PostgreSQL	Rapid Minor	NorthText APIs	Pytorch
BackboneJS	Elasticsearch	MS SQL Server	D3 JS	Google Maps APIs	Jira
HandlebarJS	Glowroot	Cassandra DB	C3 JS	TrustYou API	Asana
WPF	Quartz	iText	Hubzilla	Scikit-Learn	Pandas / NumPy

PROFESSIONAL EXPERIENCE

Aeturnum Inc.

Technical Lead

Pharmaceutical Retail Platform

E-Commerce – Pharmaceutical Domain

January 2022 - Present

- Efforts to form a new development team in Sri Lanka for applications in the Retail domain. Liaised with product and engineering teams in Sri Lanka and the US (with Engineering Directors, Product Owners, Project Managers, and Senior Engineers) on the initial business platform setup.
- Lead e-commerce core platform team.
- Drive consistent standards and approaches throughout the team.
- Took part in developing new features and bug fixes on sprint boot applications.
- Implemented new API endpoints using Node JS; consumed external services.
- Involved with production client support.
- Review project progress and overview of the performance of all team members.
- Took part in interviews for Senior Full-stack Engineers and Engineers for the team.

University of Moratuwa - MSc. In Computer Science Sp. Data Science

Researcher

Vision-based Analytics Platform

Vision-Based Analytics Domain

April 2021 - December 2021

- Master's research project development.
- Continues discussions with the project supervisor and enhancements to the research project.

Zone24x7 Inc.**Retail, Apparel and Telco Domains****Associate Technical Lead****May 2019 - March 2021****Kohl's machine learning shopping intent, Zone Inventory Management System, Device monitoring platform, Brandix data migration middleware, Covid19 Goods2U & SafeTrack Platforms, Circlelife Telco Platform**

- Lead and manage the team, including back-end development, technical recruitments, appraisals, meetings, identifying training needs, motivating and managing team performance.
- Keep up to date with the latest software development technologies and methodologies.
- Develop base layer, core features, and significant product functionalities using Java, Spring Boot, and NodeJS.
- Facilitate technology and methodology decision-making throughout the team, including system architecture, reusable code base development, versions of software tools, best practices, source control, and deployment processes.
- Design and build database schemas with integrity and scalability with data access layers optimized for performance and security.

Cinglevue International Inc.**Education Domain****Senior Developer****May 2019 - March 2021****Virtuoso Educational System, Virtuoso ERP**

- Develop base layer, core features, and significant product functionalities using Java, Spring Boot, and Open Bravo ERP.
- Conduct research, develop, and test technologies before adapting them to the platform.
- Prepare the technical documents for educational products.
- Prepare the plan for existing Oracle-based products to Java and Spring boot services.
- Took ownership of building a complete reporting service for the platform.
- Bugfixes and troubleshooting technical issues.
- Create a framework of technical standards and procedures.
- Analyze existing operations and schedule training sessions and meetings to discuss improvements.
- Involved with test case designing and maintaining high test case coverage (85%) across the platform.
- Mentor the junior developers.

Intervest Software Technologies Pvt Ltd.**Insurance Domain****Senior Software Engineer****January 2015 - November 2017****Software Engineer****November 2011 – December 2014****Virtuoso Educational System, Virtuoso ERP**

- Mainly involved with back-end and front-end development of new features, maintaining the existing insurance platforms, and gained extensive experience in JEE, core Java, and Spring Core/Spring MVC (3.2). Produced dynamic web pages with JSP, JSTL, EL, and Scriptlets.
- Used development tools: IntelliJ IDEA, Eclipse, Memory Analyzer Tool (MAT), NetBeans; extensive experience in source-control system Git in managing and merging branches. Vast exposure to software designing methods: Produced ER, Class and Sequence Diagrams, other UML diagrams, etc.
- Extensive front-end development experience with JQuery and JavaScript and Bootstrap, HTML5, and CSS.
- Collaborated in all stages of software development while providing technical support and guidance to team members; routinely undertook code reviews.
- Worked on the entire stack of applications: data modeling, databases, business logic, front-end development, and UIs.
- Produced thorough documentation for the design and development work undertaken, incl. change control and testing guidelines—hands-on experience in Agile Software development practices, SCRUM, Sprint-based development, and tools such as JIRA.
- Worked with and configured the RedHat JBoss server with Liferay CMS platforms.
- Technical documentation and training of the customer's employees.
- Involved with production deployment and troubleshooting technical issues.

IFS R&D International (Pvt) Ltd, Sri Lanka

Trainee Software Engineer - Internship

IFS Human Resource Management System

- Development of the client-server application for the human resource department.
- Requirements analysis, design, and implementation.
- Technical documentation and writing user manuals.

Human Resource Domain

August 2010 - December 2010

ITO2 Labs Sri Lanka

Freelance Developer

CRM + Telecommunication + Solar Energy System

- Customized system development by using Agile Software Development.
- Customer-centric new application feature development.
- Provided client support and troubleshoot technical issues.

Telco Domain

March 2016 - May 2017

TERTIARY QUALIFICATIONS

01/2020 – 12/2023

Master of Science in Computer Science Sp. In Data Science
University of Moratuwa, Sri Lanka

08/2008 – 12/2011

Bachelor of Science in Management & Information Technology
University of Kelaniya, Sri Lanka

PROFESSIONAL AND OTHER CERTIFICATIONS

- **LinkedIn Certifications**
 - Extending, Securing, and Dockerizing Spring Boot Microservices – 2024 March
 - Prompt Engineering: How to Talk to the AIs – 2024 March
 - Software Architecture Foundations – 2024 March
 - Building High-Throughput Data Microservices – 2024 February
 - Java Memory Management: Garbage Collection, JVM Tuning, and Spotting Memory Leaks – 2024 February
 - Performance Tuning in Spring Apps Performance tuning in Spring – 2024 February
 - Software Architecture: From Developer to Architect – 2024 February
- **Udemy Certifications**
 - Software Architecture & Design of Modern Large-Scale Systems – 2024 March
 - Java Application Performance Tuning and Memory Management – 2024 January
 - PyTorch for Deep Learning and Computer Vision – 2023 September
 - PyTorch for Deep Learning with Python Bootcamp – 2023 September
- **Coursera Certifications**
 - Amazon Web Services AWS Cloud Technical Essentials - 2022 February
 - Introduction to Machine Learning in Production – 2022 January
 - Coursera - Deep Learning Specialization – 2021 September
- **Amazon Web Services (AWS) 101**
- **Sun Certified Java Programmer 6 (SCJP 310-065) - Sun, License 11/05 SW409182**

LANGUAGE PROFICIENCY

English	B2 Level (IELTS)
German	B1 Level (Institut-Zertifikat B1)

ACTIVITIES AND INTERESTS

Photography, Voluntary Social Engagements, Music, Table Tennis, Tennis, Blogging, Research and Development, Yoga

OTHER REFERENCES

GitHub	https://github.com/sampathsl
Portfolio	https://sampathsl.github.io
Blog	https://medium.com/@sampathsl

Sampath Thennakoon
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