

MASITH PRAMUDITHA

SOFTWARE ENGINEER

(+94) 76 968 0852 | pramudithajayarathna@gmail.com | Dalugama, Sri Lanka | linkedin.com | Portfolio | Medium

PROFESSIONAL SUMMARY

A Software Engineer specializing in backend development, cloud-native systems, and enterprise integrations. Strong experience with Spring Boot, AWS, Boomi, React.js, and distributed systems. Proven ability to design scalable solutions, contribute to cross-functional engineering teams, and deliver production-grade applications.

WORK EXPERIENCE

Software Engineer – Integration | IFS

Jul 2025 – Present

- Develop enterprise integrations using Dell Boomi within the Integration & SaaS Center of Excellence.
- Implement scalable and secure workflow automations across internal and external systems.
- Lead integration requirements for IT AI Team (Q4) supporting AI-driven solutions.
- Document integration specs, mappings, deployment standards, and modernization efforts.

Temporary Demonstrator | University of Kelaniya

Feb 2025 – Jul 2025

- Delivered labs on JavaScript and Data Structures & Algorithms for undergraduates.
- Supported lecturers with course delivery, materials, and assessments.
- Mentored students on academic improvement and project work.

Software Engineer Intern | LSEG (London Stock Exchange Group)

Dec 2023 – Jul 2024

- Built microservices-based data distribution framework (Spring Boot, AWS, Snowflake).
- Implemented endpoint mocking using Wiremock for API Gateway & Lambda testing.
- Configured Datadog alerts to improve latency monitoring and incident response.
- Enhanced API Catalog with role-based access and improved frontend/backend workflows.

EDUCATION

Bsc (Hons) in Software Engineering – First Class

Jul 2021 – Feb 2025

University of Kelaniya, Sri Lanka

GPA : 3.89/4.00

PROJECTS

Employee-Assistant: HR AI assistant using FastAPI & Azure OpenAI.

Smart City TMS: Distributed traffic management system using .NET Core & Kafka.

Genius: Event planning platform using React, Spring Boot & AWS.

Good-Kidney: CKD prediction system using MLP, SHAP & Streamlit.

MedHive: Full-stack pharmacy application using MERN.

TECHNICAL SKILLS

Backend: Spring Boot, Node.js, .NET

Frontend: React.js, Angular, Next.js

Integrations: Dell Boomi, Power Automate, N8N

Cloud: AWS, Azure, Firebase

Databases: MongoDB, MySQL, Snowflake, SAP HANA, Firestore

Tools: GitHub, Datadog, Jenkins, Jira, Kafka, Power BI, Copilot Studio

RESEARCH

Explainable Deep Learning for Chronic Kidney Disease Prediction: Enhancing Transparency and User-Friendliness in Medical Decision Support. (NOV 2024 – JAN 2025) This research will focus on developing a Deep Learning Model for forecasting CKD progression and applying Explainable AI (XAI) to simplify the explanation of the disease cause for user comprehension. Additionally, the system will suggest a personalized treatment plan based on the model's results.