PRAMITHA JAYASOORIYA

Computer Engineering Graduate

CONTACT

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EDUCATION

BSc. in Engineering (Hons)
University of Ruhuna
Specialization: Computer Engineering
2021 – 2025
CGPA: 3.69 / 4.00

GCE Advanced Level
CP/KOT/Delta Gamunupura M.V.
2015 – 2019, District Rank: 08

CERTIFICATIONS

- Java Programming – SLIIT
- Advanced Golang – KodeKloud
- Full Stack Web Development – SLBM
- GitHub Professional Certificate – GitHub
- Docker Foundations Professional – Docker
- Kubernetes and Cloud-Native Associate (KCNA) – KodeKloud
- Databases for Data Scientists – Univ. of Colorado Boulder
- ACE Multicloud Network Associate
- Master Microservices with Spring Boot, Docker, Kubernetes
- Java Multithreading, Concurrency & Performance
- Java Design Patterns MasterClass – Udemy
- Spring Security 6 Master – Udemy
- Soft Skills Development – Univ. of Ruhuna

PROFILE

Results-driven Software Engineer with a strong foundation in Computer Engineering and hands-on experience building **production-grade software solutions**. Specialized in **Java Spring Boot** for scalable backend architectures and React for responsive, user-focused frontend applications. Experienced in designing and implementing **event-driven distributed systems and microservices architectures**. Skilled in delivering **end-to-end, high-availability solutions** with robust CI/CD pipelines on AWS, following modern DevOps best practices.

SKILLS

Programming & Scripting	**Java** (expert), Golang, TypeScript, JavaScript, Python, Ballerina, C++
Software Development	- Backend: Spring Boot, Spring Security, Spring Cloud, Node.js, Kafka, Microservices - Frontend: React, Redux, Zustand, Tanstack - Databases: MySQL, PostgreSQL, MongoDB, Redis, Firebase
Cloud & DevOps	AWS Services, Docker, Jenkins, GitHub Actions, Terraform, CI/CD
Tools, Integrations & Platform	Linux, Git, Jira, Salesforce, Prometheus, Grafana, DataDog, Jaeger, Zipkin

WORK EXPERIENCE

Software Engineer Intern
WSO2 Lanka (Pvt) Ltd, Colombo, Sri Lanka Jul 2024 – Jan 2025

- Architected and implemented **AWS Marketplace publishing and onboarding workflows**, designing entitlement validation (Entitlement API) and real-time event processing via SQS to ensure reliable subscription management. (⌨ seller profile)
- Designed scalable backends and middleware services integrating **Salesforce CRM, Google Sheets, LinkedIn APIs, and Google Drive** to automate onboarding and ATS workflows.
- Built internal tools including **GitHub statistics tracking** to visualize open-source contribution metrics.
- Contributed to Integration Studio and Connector Store migration by modernizing backend services and improving performance

Software Engineer (Part-time)
Simultelco, London, United Kingdom Jan 2025 – Jan 2026

- Developed backend services for a cloud-native NS-3 SaaS platform enabling distributed simulations on AWS.
- Designed scalable cloud infrastructure and orchestration APIs for simulation lifecycle management.
- Built developer tooling including a Web interface and VS Code extension.

PUBLICATIONS

SaaS-Based NS-3 for Scalable and Reproducible IMT-2030 Evaluations

Wireless World Research Forum. (WWRF54 – B6G Conference). Co-author, abstract accepted and presented, publication pending. Nov 2025.

⬈ wwrf-meetings.com

ACHIEVEMENTS

- **First Place** – Cyberzee '24 (Team CypherX)
- Kattis Ranking (2024/05/03): **1st in Sri Lanka**
- Top 15 GitHub user ranking (2025/10/03)
- IEEXtreme 17.0 (2023): 3rd Place

VOLUNTEERING

IEEE Computer Society, University of Ruhuna

Resource Person

- Microservices Architecture workshops
- AXIOM: Algorithmic problem solving workshops

IET On Campus, University of Ruhuna

Coordinator

REFERENCES

in ⬈ View Recommendations

Mr. Chanuka Dissanayake
Senior Technical Lead,
WSO2 Lanka (Pvt) Ltd
Phone: +94 713363596
Email: chanuka@wso2.com

Dr. Kushan Sudheera
Senior Lecturer,
Faculty of Engineering,
University of Ruhuna
Phone: +94 912245765-6
Email: kushan@eie.ruh.ac.lk

PROJECTS

LifePill (Healthcare Ecosystem Platform) Sep 2023 – Mar 2024

- Built an **event-driven microservices** platform supporting **Web, Mobile, and Desktop** clients using the **database-per-service** pattern for scalability and isolation.
- Implemented **Saga-based distributed transactions** and applied **Circuit Breaker** and **Bulkhead** patterns to ensure resilience and fault tolerance.
- Designed centralized configuration, caching, and observability mechanisms to support scalable and reliable production deployments on AWS.

Tech: Java, Spring Boot, Spring Cloud, RabbitMQ, PostgreSQL, MongoDB, Redis, AWS (EC2/S3/RDS), Docker, Jenkins, Prometheus, Grafana, Zipkin

⬈ github.com/Life-Pill ⬈ Demo

Distributed NS-3 Cloud Simulation Platform Feb 2025 – Dec 2025

- Developed a **cloud-native SaaS platform** for distributed NS-3 simulations with scalable execution on AWS.
- Extended core NS-3 for distributed operation and built a Web interface + VS Code extension enabling Terraform-based one-click provisioning.

Tech: Java, Linux, C++, React, VS Code Extension API, Terraform, Docker, AWS (EC2, Lambda, DynamoDB, API Gateway, S3, SQS, STS, ECR, ECS)

⬈ gitlab.com/nsnam/ns-3-dev

AWS Marketplace Integration (WSO2) Oct 2024 – Jan 2025

- Implemented **AWS Marketplace subscription validation** using the Entitlement API with automated post-purchase provisioning workflows.
- Built secure **Go-based REST services** integrating AWS and **Salesforce CRM** to manage onboarding, contracts, and subscription lifecycle.

Tech: Go, AWS APIs, REST, Webhooks, Salesforce CRM, MySQL

⬈ WSO2 AWS Marketplace

Ballerina Online Playground Nov 2025

- Built a **real-time web IDE** supporting 26 Ballerina versions with secure containerized execution, integrating Monaco Editor and optimized cloud deployment for low-latency access.

Tech: React, Monaco Editor, Go, Docker, Nginx, Cloudflare, AWS EC2

⬈ github ⬈ ballerina-online-playground.pages.dev

AuctionHub (Auction Platform) Aug 2025 – Sep 2025

- Built a **resilient event-driven microservices** auction system implementing **CQRS, Saga, Circuit Breaker, Bulkhead, and Rate Limiting** for scalability and fault tolerance.
- Deployed on **AWS EKS** with auto-scaling, observability, caching, and automated CI/CD pipelines for reliable production releases.

Tech: React, Redis, AWS (EKS/S3/RDS/EKS), Prometheus, Grafana, Jaeger

⬈ github.com/pramithamj/auction-microservice ⬈ Demo

Salesforce Go SDK Dec 2025

- Developed a production-ready **Golang SDK** supporting Salesforce REST, Bulk, Tooling, and Metadata APIs for enterprise integrations.
- Implemented **OAuth2 authentication**, query builder utilities, streaming support, and automated CI workflows for versioned releases.

Tech: Golang, REST APIs, OAuth2, HTTP Client, GitHub Actions

⬈ github.com/PramithaMJ/salesforce ⬈ Documentations ⬈ pkg.go.dev