

# RUMAL GUNAWARDANA

## PROFESSIONAL SUMMARY

I am a graduate of the University of Colombo School of Computing and a passionate, self-driven software developer. I have strong expertise in Python, PHP, Java, and various web technologies, including React and React Native. With hands-on experience managing multiple VPS, I have developed and deployed a range of Telegram bots for both personal projects and clients. As a self-learner, I am enthusiastic about exploring new technologies and continuously expanding my knowledge, particularly in modern, cutting-edge tech.

## WEBSITES, PORTFOLIOS, PROFILES

- <https://github.com/pachax001>
- <https://github.com/rumalgucsc>
- <https://github.com/rumalg123>
- <https://www.linkedin.com/in/rumalg123>

## SKILLS

Programming Languages: C, Java, Python, PHP

DevOps & Server Management: VPS Management, Docker, Prometheus, Grafana, BlackBox, RHEL

Other: Jira, Flock, Agile workflows, Team collaboration, Problem solving

- Web Development: HTML, React, Javascript, React-Native

- Databases: MySQL, PostgreSQL, MongoDB

## WORK HISTORY

**TRAINEE DEVOPS ENGINEER/TRAINEE SYSTEM IMPLEMENTATION ENGINEER** 07/2025 to Current

**Omobio (Pvt) Ltd**, Bambalapitiya, 1

- Assist in deploying and configuring SMS Firewall solutions on client servers, ensuring smooth and secure message filtering.
- Set up and maintain testbeds for validation and client demonstrations.
- Perform routine server maintenance tasks including disk cleanup, memory optimization, and service recovery.
- Apply software updates and patches, including deploying BEAM files provided by the development team to production environments.
- Manage containerized environments using Podman for SMS firewall nodes, ensuring scalability and isolation.
- Collaborate with development teams to test and integrate updates, occasionally contributing to frontend enhancements using PHP.
- Document troubleshooting steps, fixes, and installation guides to streamline future operations.

**FREELANCE VPS ADMINISTRATOR & TELEGRAM BOT DEVELOPER** 12/2020 to Current  
**Self-Employed**

- Managed and maintained three Virtual Private Servers: performed security hardening, patching, backups, and performance tuning.
- Designed, developed, and deployed Telegram bots using Python and Pyrogram: automated tasks, API integrations, and media handling.
- Containerized services with Docker and orchestrated deployments for reliability and scalability.
- VPS Monitoring via Prometheus and Grafana as dashboard.

**INTERN SOFTWARE ENGINEER** 11/2024 to 05/2025

**Fourdiv (PVT) Ltd**, Rajagiriya, Colombo District

- Connected an existing Spring Boot backend to a custom React order-tracking front-end; customized templates to client branding and workflow.
- Built a product upload & employee management dashboard using Next.js and Spring Boot: implemented product, parent-product, variation uploads; forgot-password flow; account settings (name/password changes); home-page charts for top-selling items and monthly sales; and admin-driven employee registration.
- Led migration an e-commerce from WooCommerce to React (CRA) & Spring Boot: created all frontend pages and backend endpoints, integrated PayHere, OnePay, and KokoPay gateways, and supported guest checkout and full e-commerce features.

**LANGUAGE**

Sinhala

English

**EDUCATION**

**University of Colombo School of Computing**, Colombo 7  
**Bachelor of Science**, Information Systems, 08/2025

**NIBM**, Kurunegala  
**Diploma In English**, English Language, 04/2023

**REFERENCES**

Available upon request.

**PROJECTS**

Trash-Smart (2024) — Waste Management System, React Native mobile app with Google Maps API for truck routing., Spring Boot backend for real-time bin fill-level tracking (Arduino + ultrasonic + GPS)., PostgreSQL database for storing sensor and route data., Dine-Ease (2023–2024) — Restaurant Management System, PHP/MySQL backend, HTML/CSS/JavaScript frontend., Inventory and order management for small restaurants., Sri-Tel Customer Portal (2024) — Microservice prototype for telecom, Java Spring Boot backend, React Native mobile client., Keycloak IAM, MongoDB, Kafka events, SMTP notifications, Dockerized deployment., Hosted java spring boot backend on a Oracle VPS on my own domain, Use Nginx as the proxy., Dockerized the backend., Created GitHub workflow to automatically update the code on VPS on push or pull requests., Connected domain with Cloudflare free plan.

**CERTIFICATIONS**

Core Skills Learning Path-Datadog, 07/2025