

Rukman Bernard Fernando Pulle

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Professional Summary

Software Engineer with professional experience in PHP development, enterprise integrations, legacy platform modernisation, and backend systems support. Strong practical background in Laravel, API integrations, debugging complex production systems, and database-driven applications. Actively expanding into Python, Django, Data Science, and AI-focused software engineering through hands-on portfolio projects. Brings a blend of commercial engineering experience, self-driven learning, and systems design capability.

Technical Skills

Languages: PHP, Python, JavaScript, SQL

Frameworks: Laravel, Django, Livewire, Bootstrap, Tailwind CSS

Databases: MySQL, MariaDB, PostgreSQL, Redis

Tools: Docker, Git, GitHub, Linux, SVN, Nginx

Concepts: API Integration, RBAC, Authentication Systems, System Design, Legacy Modernisation

Professional Experience

Software Engineer

Aug 2024 – Present

International Computing, Negombo, Sri Lanka

- Maintain and enhance enterprise PHP platforms supporting high-volume business operations.
- Debug and improve complex mixed-code legacy systems.
- Implement scheduled API integrations for automated external data exchange.
- Improve UI usability, accessibility, and maintainability in existing systems.
- Develop secure backend workflows for reliable production environments.

Independent Software Developer

Mar 2024 – Present

Independent & Academic Projects

- Designed and developed full-stack applications through self-directed learning and academic project work.
- Built Laravel-based management systems with authentication and role permissions.
- Developed reusable CRUD interfaces using AdminLTE and Livewire.
- Designed relational databases for structured business and academic workflows.
- Used Docker, Git, and modern PHP development workflows.

Selected Projects

Logo Discovery & Scoring System (LDSS)

2026 – Present

Python / Django project that identifies likely company logos from official websites using scraping, filtering, and explainable scoring logic.

Laravel Stakeholder RBAC Infrastructure

2025 – Present

Reusable Laravel multi-guard authentication and RBAC infrastructure featuring permissions, password recovery, email verification, and configurable dashboard routing.

Negombo Knowledge Academy Management System

2025 – Present

Academic management platform built with Laravel and Livewire featuring multi-guard authentication, RBAC, programme/module management, and UK-aligned academic structures.

Education

British Computer Society (BCS)

Postgraduate Diploma in IT (Computer Software Engineering)

Dec 2025

Final Project awarded Distinction

Career Focus

Python Developer | AI Intern | Data Analyst Intern | Django Developer | Backend Engineer