

RAVINDU MALEESHA

Associate Software Engineer

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[GitHub](#)

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[Portfolio](#)

PROFESSIONAL SUMMARY

Enthusiastic **Associate Software Engineer** currently working at Sterling BPO (Australian-based) Company, with a strong foundation in Full Stack Engineering. Passionate about building efficient, scalable, and user-friendly applications. Skilled in Java, React, Spring Boot, Laravel, and MySQL. Proven experience delivering full-stack solutions including e-commerce platforms, enterprise desktop systems, and mobile applications. Eager to contribute to innovative software projects and continue growing as a professional engineer.

WORK EXPERIENCE

Associate Software Engineer Sterling BPO (Australian-based) | 01/12/2025 – Present

- Contributing to the development and maintenance of software solutions within an agile team environment.
- Collaborating with senior engineers to design, develop, and test features using React, React Native, Laravel, RESTful API Development.
- Debugging and resolving technical issues to ensure system stability and performance.

TECHNICAL SKILLS

- Programming Languages:** Java, Python, JavaScript, TypeScript, PHP, SQL
- Frontend:** React.js, Next.js, Vite, HTML5, CSS3, Tailwind CSS, Bootstrap
- Backend:** Spring Boot 3, Laravel, Node.js, Express.js, RESTful API development
- Databases:** MySQL, MongoDB, SQLite
- Mobile Development:** Android (Java), React Native
- Tools & Platforms:** Git, GitHub, Firebase, AWS, Maven, Ant, Apache POI, JasperReports
- Payment & Security:** PayHere SDK, OAuth 2.0, JWT
- IDEs:** Visual Studio Code, IntelliJ IDEA, Android Studio, Eclipse, NetBeans
- Languages:** English (B1–B2: Intermediate to Upper-Intermediate), Sinhala (Native)

PROJECTS

Skill-Share-Website

Full-Stack Developer

Technologies: Java 17, Spring Boot 3.4 (Web, Data JPA, Security, OAuth2 Client, Mail), MySQL, JWT, Maven, MP4Parser

- Engineered a high-performance Spring Boot 3.4 REST API for a social-learning platform, managing the user graph, content sharing, and engagement systems.
- Implemented advanced Auth & Security features, including Google OAuth2, email/password login, and JWT token integration, configured via Spring Security's SecurityConfig.
- Developed comprehensive Content Sharing and Notification Service features, including server-side video duration validation (MP4Parser) and an email-powered password recovery flow using OTP and MySQL persistence.

Source 1 Solutions – Business Management System

Full-Stack Developer

Technologies: Java, MySQL, JasperReports, Apache POI, Ant, Email sending, Excel

- Built a Java Swing desktop system for Guana Country Source 1 Solution to manage quotations, orders, invoices, payments, Email sending and shipping with MySQL and JasperReports.

Land Real Estate Platform

Full-Stack Mobile Developer

Technologies: React Native, TypeScript, Spring Boot 3, MySQL, OAuth2, JWT, Maven

- Engineered a cross-platform mobile app and RESTful backend for real estate listings.
- Implemented secure user authentication via OAuth2 and JWT-protected endpoints.
- Features include property browsing, image uploads, Google Maps integration, favorites, and in-app messaging.

Handicraft E-Commerce Platform

Backend Developer

Technologies: React, TypeScript, Tailwind CSS, Laravel, MySQL, PayHere, RESTful API

- Created an e-commerce platform tailored for Sri Lankan artisans to showcase and sell handmade products.
- Built responsive frontend with React and Tailwind; implemented secure payment processing via PayHere.
- Developed RESTful APIs in Laravel for product catalog, cart, user management, and order fulfillment.

SLTB M-Commerce Bus Ticket Booking App

Android Developer

Technologies: Android (Java), Firebase, SQLite, PayHere SDK, GPS/Location Services

- Designed and developed a mobile app for Sri Lanka Transport Board (SLTB) to enable digital bus ticket booking.
- Integrated real-time GPS tracking for bus locations and secure in-app payments using PayHere SDK.
- Used Firebase for authentication and cloud messaging; SQLite for offline data storage.

EDUCATION

BSc (Hons) Software Engineering (Top-Up)

Birmingham City University, UK | 2024 – 2026/Feb

Professional Higher Diploma in Software Engineering

Java Institute for Advanced Technology, Colombo | 2022 – 2024

GCE Advanced Level (Mathematics)

Sri Siddhartha National College, Dikkumbura | 2021

SOFT SKILLS

- Problem-Solving
- Critical Thinking
- Collaboration
- Communication
- Adaptability
- Time Management

REFERENCES

- **Mr. Maneesha Dassanayake**

Senior Lecturer

Java Institute for Advanced Technology.

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