

THARIDU LAKMAL RUPASINGHA

Full Stack Developer



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Profile

Backend-focused Full Stack Developer with experience in Java, Jakarta EE, and RESTful APIs. Built distributed systems using EJB and JMS, with React and Android frontends. Works primarily in Linux-based development environments.

Education

01/2025 – 12/2025 **BSc (Hons) in Software Engineering (Top-Up)**, *Birmingham City University (UK)* [🔗](#)

01/2022 – 12/2024 **Software Engineering - UK Awards (Levels 1-3)**,
Java Institute for Advanced Technology (Sri Lanka) [🔗](#)

- UK Awards Level 1 - Foundation Diploma in Software Engineering
- UK Awards Level 2 - Diploma in Software Engineering
- UK Awards Level 3 - Higher Diploma in Software Engineering

Projects

07/2025 – 08/2025 **Capital One Banking System**, *full-stack online banking web application* [🔗](#)

- Built a full-stack banking platform with account management, fund transfers, and scheduled payments
- Implemented role-based access control and secure session management

01/2025 – 02/2025 **HandyHub**, *Local service provider discovery mobile application* [🔗](#)

- Developed a mobile app connecting users with nearby service providers using location-based search
- Implemented authentication, provider profiles, and booking management

05/2025 – 06/2025 **RushBuy**, *Online Auction System with EJB and JMS* [🔗](#)

- Built a distributed auction system using Jakarta EE with asynchronous bid processing
- Developed a React frontend for real-time auction updates

Link : - [RushBuy Frontend](#) [🔗](#) | [RushBuy Backend](#) [🔗](#)

01/2024 – 02/2024 **Genie Mobile Chat App**, *React Native chat application built with Expo* [🔗](#)

- Built a real-time mobile chat application with authentication and friend management
- Implemented RESTful backend services using Java Servlets and Hibernate.

10/2025 – 10/2025 **AI Prompt Engineer**, *Prompt optimization tool with Google Gemini* [🔗](#)

- Built a React app for creating and optimizing AI prompts with real-time AI-powered suggestions

Link: <https://prompt-engineer.lkml.live/> [🔗](#)

Skills

Languages

Java | PHP | JavaScript | TypeScript | SQL | Shell (Bash)

Backend Development

Spring Boot | PHP | Jakarta EE | RESTful APIs

Frontend Development

React | Angular | Bootstrap | Tailwind CSS

Mobile Development

Android (Java) | React Native

Databases

MySQL | MongoDB | Firebase

Tools & Platforms

Git | Linux | Maven | Postman | Google Cloud

Languages

Sinhala — Native/Bilingual

English — Proficient

Certificates

Introduction to Cybersecurity:  Cisco Networking Academy

Cybersecurity Essentials:  Cisco Networking Academy

Postman API Fundamentals – Student Expert:  Postman Academy