

HIRANYE VITHANAGE

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PROFESSIONAL SUMMARY

Motivated Software Engineering graduate with hands-on experience in full-stack web, mobile, and desktop application development. Proficient in React, Node.js, Java, Python, and database management (MySQL, MongoDB, Firebase). Experienced with IoT sensor integration, Android development, and REST API design. Strong problem-solving abilities with a commitment to delivering high-quality, user-friendly software solutions.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, HTML, CSS, Dart, PHP, Bash, .NET, C#

Frameworks & Libraries: React, React Native, Node.js, Flutter, Android (Java), Bootstrap, Tailwind CSS

Databases: MySQL, MongoDB, Firebase, Amazon RDS

Cloud & Tools: AWS, Git, GitHub, Vercel, Render, Glassfish Server, Microsoft Office Suite, Google Cloud Service, Hostinger, Docker

IoT & Hardware: ESP32, NodeMCU, Arduino, Sensor Integration

Operating Systems: Windows, Linux, macOS

Other: REST API Design, Network Troubleshooting, Cyber Security Fundamentals, IT Support, Project Management, Technical Documentation, Computer Hardware

EDUCATION

Bachelor of Science – Full Stack Software Engineering 2026
Birmingham City University (UK) – Successfully Completed

Level 5 Professional Diploma in Software Engineering 2025
Skill & Education Group Awards (UK)

Level 4 Professional Higher Diploma in Software Engineering 2024
Skill & Education Group Awards (UK)

G.C.E. Advanced Level – Combined Mathematics 2021
Kottawa Dharmapala Maha Vidyalaya

G.C.E. Ordinary Level 2017
Kottawa Dharmapala Maha Vidyalaya

WORK EXPERIENCE

Customer Support Agent – PickMe (Driver Support Team) February 2022 – June 2022

- Provided technical and account support to drivers regarding ride issues, payments, and app-related problems.
- Resolved driver complaints through phone, chat, and ticket systems while maintaining high customer satisfaction.
- Collaborated with internal teams to escalate and resolve complex driver issues.

PROJECTS

Package Tracking System Freelancing – Logistics Company, Malaysia

- Developing a full-stack package tracking application with real-time tracking features and backend API integration.

JCB Rental Service Website Freelancing – Senira Transport

- Built a full-featured business website with backend integration, admin interface, and cross-device optimization.

Doctor Appointment Web Application Freelancing

- Built full-stack appointment booking system using React, Tailwind CSS, Node.js, RESTful APIs, and MySQL on Amazon RDS.

- Integrated email notifications and deployed frontend on Vercel and backend on Render.

Room Weather Monitoring Application

Birmingham City University

- Integrated ESP32 with environmental sensors (BMP280); built Java/Glassfish backend and React Native mobile display.

Call Recording Application – Android (Java)

Birmingham City University

- Developed Android app using foreground services to reliably record inbound and outbound phone calls.

Handheld Mobile POS System

Personal Project

- Designed and developed a mobile point-of-sale system using Flutter, Dart, and Firebase.
- Connect Bluetooth Thermal POS Printer and print bills.
- Scan barcodes with mobile camera and can connect wireless barcode reader or wired barcode reader.
- Admin Side that can control everything in client side.

Pharmacy POS System

Freelancing – Health Hub Pharmacy

- Designed and developed an offline POS system for billing using Flutter Desktop, MYSQL
- Automated MySQL backup with windows task scheduler to make backup locally.

Additional Projects

- E-Commerce Website: Full-stack online store with PHP, JavaScript, HTML, and CSS.
- TravelMate Hotel Booking App: Android app with Firebase, Google Maps API, and payment gateway.
- Java Desktop Applications

CERTIFICATIONS & COURSES

- Linux Server Administration Certificate
- Certificate in Cyber Security and Networking
- Learn Ethical Hacking from Scratch – Udemy (January 2026 – Present)
- The Ultimate Dark Web, Anonymity, Privacy & Security Course – Udemy (January 2026 – Present)
- AWS Certificate Course – University of Moratuwa (Completed)

LANGUAGES

- English – Professional Proficiency
- Sinhala – Professional Proficiency

REFERENCES

Nadeeka Perera

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*Certified International Trainer | High-Performance Sales & Public Speaking Coach |
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Thilina Rajakaruna

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Senior Lecture r(Java Institute For Advanced Technology) | thilina.jiat@gmail.com