

KAVINDU KODIKARA

0761530633 | kavindu29nk@gmail.com | kavindukodikara.vercel.app
[LinkedIn](#) | [GitHub](#)

Software Engineer with a BSc (Hons) in Software Engineering Upper Second Class (2:1) from Birmingham City University, UK. Currently working as a Demonstrator at the Java Institute for Advanced Technology while actively freelancing with live production platforms undergoing client maintenance. Experienced in building and delivering full-stack web, mobile, and enterprise applications independently from requirements through to deployment and post-launch support.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, Python, PHP, SQL, C#
- **Frameworks & Libraries:** Next.js, React, Spring Boot, Laravel, Node.js, Express.js, Flask, Hibernate, Jakarta EE, React Native, Flutter, Tailwind CSS, Bootstrap, Chart.js, Framer Motion
- **Databases:** MySQL, Firebase Firestore & Storage, SQLite, Prisma ORM
- **Mobile & IoT:** Android (Java), React Native, Flutter, Arduino, Bluetooth Communication
- **Other Skills:** OOP, SOLID, Design Patterns (GoF), REST API Design, JWT, WebSocket, MVC, Distributed Systems
- **Developer Tools:** Git, GitHub, Postman, Swagger/OpenAPI, Vercel, IntelliJ IDEA, Android Studio, VS Code

PROFESSIONAL EXPERIENCE

Demonstrator - Java Institute for Advanced Technology

April 2026 - Present

Conducting hands-on laboratory sessions for undergraduate software engineering students demonstrating programming concepts, guiding practical exercises, maintaining student records, and supporting academic staff in delivering high-quality module content.

CLIENT & PERSONAL PROJECTS

LieraEvents | Premium Event & Rental Platform

Live: lieraevents.com - Feb 2026

Next.js, Express.js, MySQL, Prisma ORM, JWT, WhatsApp Integration

Designed, built, and continue to maintain a complete event decoration and rental business platform for a real client public customer website with rental browsing, cart, and WhatsApp inquiry flow, plus a full admin system for orders, billing, inventory, and customer management.

DW Events | Event Ticketing Platform

Live: dwevents.net - Sep 2025

Laravel, PHP, MySQL, QR Integration, Role-Based Access Control

Built a full-stack Laravel ticketing platform for a live client event QR ticket generation, real-time entry scanning, fraud prevention, and role-based admin panel. Processed **596 ticket sales on first deployment with zero failures**. Providing ongoing post-launch maintenance.

FireFly | Enterprise Android Printing Solution

Client Project - Nov 2025

Android Java, Bluetooth Communication, PDF Processing, Android SDK

Built an Android Bluetooth printing application from scratch with no existing SDK and deployed it across **4 enterprise clients**. Continues to be maintained with ongoing client updates.

FarmShare | Agricultural Investment Platform

Feb – Mar 2025

Android Java, Spring Boot, Firebase Firestore, MySQL, PayHere, Live Weather API

Full-stack agricultural investment marketplace for Sri Lankan farmers built a **real-time risk-scoring algorithm** using live weather and soil data for dynamic stock pricing, with **31 REST API endpoints** and PayHere payment integration across Android and web.

SecureShelf | RESTful API Platform

Jun 2025

Node.js, Express.js, JWT, MySQL, Swagger/OpenAPI

REST API platform with **28 fully documented endpoints** JWT authentication, role-based access control, full-text search, and complete Swagger/OpenAPI specifications.

HeartGuard | ML Heart Disease Prediction App

Dec 2025

Python, Flask, scikit-learn, Machine Learning, HTML, CSS

Complete ML pipeline data preprocessing, scikit-learn model training, and real-time inference via Flask REST API with a web frontend for non-technical users to receive instant heart disease risk predictions.

EDUCATION

BSc (Hons) Software Engineering - Birmingham City University, UK

Graduated: April 2026

Upper Second Class (2:1)

Level 5 Professional Higher Diploma in Software Engineering

UK Awards

Level 4 Professional Diploma in Software Engineering

UK Awards

SOFT SKILLS

Communication	Problem-Solving	Client Management	Adaptability	Team
Collaboration				

REFERENCES

Mr. Nalin Wijayasinghe

Head of IT, London Institute of Business
and Technology, UK
+44 7624297077

Mr. Eshan Oshadha

Senior Lecturer & Branch Manager
Java Institute for Advanced Technology
+94 778498546