

# Kabiru Ahmad Dokoro

Backend Developer Intern · Java · Spring Boot · REST APIs

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## PROFESSIONAL SUMMARY

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Final-year Software Engineering student who has built and shipped real products live on the internet. Specialises in Java and Spring Boot backend development, with hands-on experience designing RESTful APIs, relational databases, and full marketplace systems end to end. Eager to contribute meaningfully into a real engineering team and contribute to production-scale challenges.

## EDUCATION

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### B.Sc. (Hons) in Software Engineering

Universiti Malaysia Terengganu (UMT) · 2023 – 2027 · CGPA: 3.56 · Available for internship: Aug 2025 – Feb 2026

**Dean's List** — Achieved for 3 semesters

**Related Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Database Systems, Software Architecture

## TECHNICAL SKILLS

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**Languages:** Primarily codes in Java; and also works with JavaScript, Python, and SQL across projects.

**Backend:** Builds REST APIs and server-side systems using Spring Boot, Spring Data JPA, Node.js, and Express.js.

**Frontend:** Builds user-facing interfaces using React, Thymeleaf, HTML5, and CSS3.

**Tools & DB:** Uses MySQL and TiDB for databases; Docker, Git, Maven, Postman, JUnit, and Render across all deployed projects.

**Practices:** Consistently applies RESTful API design, role-based access control (RBAC), unit testing, agile development, and version control in project.

**Spoken Languages:** English (fluent) · Bahasa Malaysia (Basic)

## PROJECTS: All live at [ahsmart.dev](https://ahsmart.dev)

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### UMT Campus Marketplace Platform · *Spring Boot · Spring Data JPA · Thymeleaf · MySQL · Cloudinary · Docker · Render + TiDB*

Final-year project. Designed and built an end-to-end student marketplace which replaces unstructured WhatsApp trading groups with verified sellers, full order lifecycle, and real-time in-app chat.

- Engineered a 3-role RBAC system (Buyer · Seller · Admin), including an admin-controlled seller verification workflow to prevent fraudulent listings.
- Built a fully normalized 3NF MySQL schema (13 entities: users, sellers, listings, cart, orders, payments) with strict integrity constraints eliminating data redundancy.
- Implemented a complete marketplace flow: product listings, cart management, order tracking, payment records, and real-time buyer–seller chat.
- Deployed to a self-provisioned Digital Ocean VPS via SSH by manually configuring the Linux server, installing dependencies, and launched the application without any managed hosting platform.
- Live at: <https://umtmarket.ahsmart.dev>

### Attendance Management System · *Java · JSP · Servlets · MySQL · Maven · Docker · Render*

Designed and built a QR-code web app enabling lecturers to automate and track student attendance with role-based workflows for lecturers, students, and admins.

- Engineered time-limited QR code generation per session, preventing attendance fraud by automatically invalidating codes outside the active window.
- Built MVC architecture (JSP/Servlet) with a normalized relational schema and duplicate-prevention validation, ensuring accurate attendance records. Containerized with Docker and deployed live to Render.

## **WanderLite — Smart Tourism Dashboard** · *Node.js · Express.js · Vanilla JS · Leaflet.js · OpenWeather API · Frankfurter API · Geoapify · Render*

Real-time tourism dashboard that unifies weather data, live currency conversion, and nearby attraction discovery into a single interface — removing the need to switch between multiple apps.

- Integrated 3 external APIs (OpenWeather, Frankfurter, Geoapify) with a fallback to Overpass API, ensuring reliable attraction data even when the primary provider fails.
- Moved all API keys and third-party calls to backend Express routes to protect credentials and keep provider logic hidden from the client.
- Built interactive Leaflet.js map with category-based attraction markers and a standardized JSON response contract for consistent frontend rendering. Deployed live on Render.

▶ [View all projects with live demos and case studies: ahsmart.dev](https://ahsmart.dev)