

# Abbas Usman Adamu

Final Year Bachelor of Computer Science (Software Engineering) with Honours Student | Backend & Full-Stack Developer | Open to Internship Opportunities (Aug 2026 – Feb 2027)

[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

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## PROFILE SUMMARY

Final year student pursuing Bachelor of Computer Science (Software Engineering) with Honours at Universiti Malaysia Terengganu seeking internship opportunities from Aug 2026 to Feb 2027. Hands-on experience building deployed backend, full-stack, and IoT systems using Java, JSP/Servlets, MySQL, REST APIs, Docker, and cloud-hosted dashboards. Strong interest in database-driven applications, secure API integration, and delivering reliable software that solves real user and operational problems.

## EDUCATION

<b>Bachelor of Computer Science (Software Engineering) with Honours</b> Universiti Malaysia Terengganu Dean's List: Semesters 3, 4, 5	2023 – Present
<b>Senior Secondary School Certificate (WAEC)</b> First Grade Comprehensive School, Kano, Nigeria	2015 – 2021

## TECHNICAL SKILLS

<b>Programming:</b>	Java, JavaScript, Python, MicroPython
<b>Backend &amp; Web:</b>	JSP/Servlets, Spring Boot, REST APIs, HTML, CSS
<b>Database:</b>	MySQL (SQL, ERD)
<b>DevOps &amp; Tools:</b>	Git, Docker, Firebase Hosting
<b>IoT:</b>	MQTT, Raspberry Pi Pico W, ThingSpeak
<b>Testing:</b>	JUnit, Selenium

## RELEVANT COURSEWORK

Software Engineering	System Analysis & Design
Database Systems	Data Structures & Algorithms
Software Testing	Software Architecture
Web Application Development	

## LEADERSHIP & DEVELOPMENT

<b>Treasurer, Nigerian Muslim Community</b> Manage financial records and support community operations.	2025 – Present
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## CERTIFICATIONS

ASPIRE (2025)	IFuture (2025)
International Autumn School (2025)	VCLEP (2023)
Water Survival Programme (2025)	

## LANGUAGES

<b>English</b> Fluent	<b>Hausa</b> Native	<b>Malay</b> Conversational	<b>Arabic</b> Conversational
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## PROJECTS

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### PSM E-Learning Management System (Final Year Project)

**Live:** [psmels.software/landing](https://psmels.software/landing)    **GitHub:** [github.com/Fagacie/psm-elms](https://github.com/Fagacie/psm-elms)

**Technologies:** Java (JSP/Servlets), MySQL, JavaScript, Bootstrap, Paystack, Docker

- Built a deployed Learning Management System supporting administrator, instructor, and student workflows.
- Designed core modules for learning content, assessments, progress tracking, certificate issuance, and role-based access control.
- Integrated Paystack payments to support secure online transactions within the student enrollment flow.
- Containerized the application with Docker to simplify deployment, portability, and environment consistency.

### IoT-Based Environmental Monitoring System

**Live:** [campus-iot.me](https://campus-iot.me)

**Technologies:** MicroPython, MQTT, Raspberry Pi Pico W, ThingSpeak

- Developed a live IoT monitoring platform for environmental readings using Raspberry Pi Pico W sensors.
- Captured temperature, humidity, air pressure, and water level data for continuous remote observation.
- Implemented MQTT communication and ThingSpeak dashboards to visualize sensor data in real time.

### PKU Management System

**GitHub:** [github.com/Fagacie/pkumanagementsystem](https://github.com/Fagacie/pkumanagementsystem)

**Technologies:** Java, MySQL, JSP/Servlets

- Built a hospital management platform for patient records, appointments, billing, and staff administration.
- Implemented role-based access and structured MySQL operations to improve data organization and workflow control.

### WeatherHub

**Live:** [weather-hub-9c3f8.web.app](https://weather-hub-9c3f8.web.app)

**Technologies:** JavaScript, REST APIs, Firebase Hosting

- Integrated REST APIs to deliver real-time weather information through a responsive web interface.
- Published the application with Firebase Hosting for fast public access and simple maintenance.

### Masakjerr System

**GitHub:** [github.com/Fagacie/masakjerr-project1](https://github.com/Fagacie/masakjerr-project1)

**Technologies:** Java, Spring Boot, MySQL

- Built Spring Boot CRUD services for managing recipes and user information.
- Designed relational MySQL structures to support organized application data.

### Elite Soccer Feed

**Live:** [elitesoccerfeed.vercel.app](https://elitesoccerfeed.vercel.app)    **GitHub:** [github.com/Fagacie/ESFhomepage](https://github.com/Fagacie/ESFhomepage)

**Technologies:** HTML, CSS, JavaScript

- Developed a responsive football news website with homepage and player profile pages.
- Focused on clean navigation, readable content presentation, and frontend user experience.

## REFEREES

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### Prof. Ts. Dr. Muhammad Suzuri Hitam

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