

Abbas Usman Adamu

GitHub | LinkedIn

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Profile Summary

Final-year Software Engineering student with hands-on experience in backend systems, IoT applications, and full-stack development. Skilled in Java, Spring Boot, and API integration.

Education

BSc Computer Science (Software Engineering) Universiti Malaysia Terengganu (UMT) CGPA 3.33 Dean's List (Sem 3, 4, 5)	2023 – Present
Senior Secondary School Certificate (WAEC) First Grade Comprehensive School, Kano, Nigeria	2015 – 2021

Projects

IoT-Based Environmental Monitoring System MicroPython, MQTT, Raspberry Pi Pico W, ThingSpeak <ul style="list-style-type: none">Built and deployed a live IoT system for real-time environmental monitoringImplemented MQTT-based data transmission to cloud dashboard	Live
PKU Management System Java, MySQL, JSP/Servlets <ul style="list-style-type: none">Developed system for managing patients, appointments, billing, and staffImplemented role-based access and automated workflows	GitHub
Masakjerr System Java, Spring Boot, MySQL <ul style="list-style-type: none">Built full-stack CRUD application for managing recipes and user dataDesigned backend services and database structure	GitHub
WeatherHub JavaScript, REST APIs, Firebase Hosting <ul style="list-style-type: none">Integrated APIs to deliver real-time weather dataDeployed using Firebase Hosting with responsive interface	Live

Technical Skills

Programming: Java, JavaScript, Python, MicroPython
Backend & Web: Spring Boot, JSP/Servlets, Node.js, REST APIs, HTML, CSS
Database: MySQL (SQL, ERD)
IoT: MQTT, Raspberry Pi Pico W, ThingSpeak
Tools: Git, Firebase Hosting
Testing: JUnit, Selenium

Leadership & Development

Treasurer, Nigerian Muslim Community Manage financial records and support community operations Certified Programs: ASPIRE (2025), IFuture (2025), Autumn School (2025), VCLEP (2023) Certification: Water Survival Programme (2025)	2025 – Present
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Languages

English (Fluent), Hausa (Native), Malay (Conversational), Arabic (Conversational)

Referees

Prof. Ts. Dr. Muhammad Suzuri Hitam (Dean, FSKM, UMT)
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Assoc. Prof. Ts. Dr. Rosmayati Mohemad (Deputy Dean, FSKM, UMT)
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