Abdullahi Mohamed

Full-Stack Developer / Backend Engineer

Aspiring Software Engineer with a foundational focus on building reliable, scalable, and maintainable systems. Highly motivated by backend engineering and clean architecture, with a passion for developing web applications that feel seamless from end to end. Eager to apply technical knowledge and contribute to projects, prioritizing usability and performance.

Contact

engabdallemo@gmail.com
github.com/Abdallemo
(+60) 01136023038
Batu Pahat, Johor, Malaysia

Education

UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM)
Bachelor of Information Technology (Hons)
Expected Graduation: 2026

Skills

Full-stack web development (Next.js, Node.js, React).

Backend design and RESTful API integration.

Database management (PostgreSQL, MySQL, Drizzle, ORM,sqlc)

Version control (Git, GitHub).

Docker, WebRTC, WebSocket

Experience

SOFTWARE DEVELOPER (FINAL YEAR PROJECT — SOLVEIT)
JAN 2024 – 2025 | UTHM
developed SolveIt, a SaaS platform that allows university students to post and complete academic-related tasks. The system features include authentication, task management, payment handling, and an admin dashboard.
Also implemented real-time video calls and screen sharing using WebRTC, improving collaboration between users. This project strengthens the skills in TypeScript, Next.js, and backend architecture.

INDEPENDENT WEB PROJECTS
2022 – PRESENT
built several full-stack projects, including a tutorial-sharing website where users can create accounts, upload content, and explore tutorials shared by others.
Worked with Node.js and Express, focusing on user authentication, file uploads, and database design—also developed automation tools, such as ros2docker, a script for efficiently managing Docker containers.

Achievements

Consistently achieved A to A+ grades in core programming and web development courses (C, C++, JavaScript, TypeScript).
Self-taught in Next.js, TypeScript, and Go, applying them to real-world projects without formal instruction.
Built and optimized custom PCs for development, gaming, and multimedia production.
Completed over 45,000 lines of production-quality TypeScript and React code for academic and personal projects.