

Abdullahi Mohamed

Software Engineering Intern (Backend / Full-Stack)

Aspiring Software Engineering Intern with a strong focus on backend and full-stack development. Experienced in building scalable, real-world web applications using Next.js, TypeScript, and Node.js, with growing hands-on experience in Go for backend services and system-oriented development. Passionate about clean architecture and practical problem-solving.

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

Backend Development:
Node.js, REST APIs,
Authentication, Go.

Frontend Development:
Next.js, React,
TypeScript

Databases: PostgreSQL,
MySQL, Drizzle ORM,
SQL

Tools & Technologies:
Docker, WebRTC,
WebSocket, Git, GitHub

Experience

SOFTWARE DEVELOPER (FINAL YEAR PROJECT — SOLVEIT)

JAN 2024 – 2025 | UTHM

- Designed and developed SolveIt, a SaaS platform enabling university students to post and complete academic-related tasks.
- Implemented authentication, task workflows, payment handling, and an admin dashboard.
- Built real-time video calling and screen sharing using WebRTC to improve collaboration.
- Applied modern backend architecture using TypeScript and Next.js, with exposure to Go for backend exploration.

INDEPENDENT WEB PROJECTS

2022 – PRESENT

- Built multiple full-stack applications, including a tutorial-sharing platform with authentication, content uploads, and user interaction.
- Worked extensively with Node.js and Express, focusing on REST APIs, authentication, file uploads, and database design.
- Developed automation tools such as ros2docker, a CLI tool to streamline ROS2 and Docker compatibility.

Achievements

- Consistently achieved A to A+ grades in core programming and web development courses (C, C++, Java, JavaScript, Dart).
- Self-taught in Next.js, TypeScript, and Go, applying them to real-world projects beyond formal coursework.
- Designed and delivered a complete end-to-end SaaS platform as a final year project, from system design to deployment.
- Built and optimized custom PCs used for software development and multimedia workloads.