Ahmed Hamdy

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| Malaysia, JB

SUMMARY

I am an International Computer Science undergraduate student with strong foundation in software engineering and hands-on experience developing and testing web and mobile applications. Passionate about backend systems, and scalable application design. Eager to contribute to innovative projects and gain real-world experience in software development environments. Currently seeking a 6-month internship opportunity to apply my skills and continue learning.

EDUCATION

Universiti Teknologi Malaysia — Malaysia, JB

Bachelor Of Computer Science (Software Engineering) — *Oct. 2026 (Expected)*

Dean's List High Honors

CGPA: 3.68/4.00

PROJECTS

API Marketplace — April 2025 – May 2025

- Built a full-stack API marketplace platform with a Python backend and Vue.js frontend.
- Implemented user authentication, product & order management, category handling, and RESTful API endpoints with database relationships.
- Designed a responsive Vue 3 frontend using Composition API, Pinia for state management, and Tailwind CSS.
- Implemented shopping cart, product browsing, error handling, Dockerization, and API documentation.

WiseDose Application — March 2025 – May 2025

- Developed a mobile app to assist users in managing medication intake and getting expert guidance.
- Built an AI-powered virtual pharmacist chatbot to answer medication-related questions.

Google Drive Links Management for University — June 2024 – Nov. 2024

- Developed a single-page academic management platform for students and lecturers to manage tasks, timetables, files, and profiles
- Implemented login and registration with role differentiation (student/lecturer) using an MVC architecture
- Integrated Google Drive for resource sharing; implemented file search, sorting, and real-time updates
- Utilized MongoDB to structure NoSQL collections for users, tasks, resources, and timetables

TVPSS (Talent Verification and Placement Support System) — May 2024 – July 2024

- Developed a secure web-based application using Spring Tool Suite for managing applications, interviews, forms, and reports.
- Implemented role-based dashboards for Admin, Teacher, and Student using Spring Security and Thymeleaf.
- Used PostgreSQL for relational data storage and enforced validation and session-based authentication.

TECHNICAL SKILLS

Languages: Java, Python, C++, Flutter, JavaScript, HTML/CSS, SQL (PostgreSQL), NoSQL (MongoDB)

Skills: Web development, Mobile development, Natural language processing

Areas of Interest: Quality Assurance, Full-Stack Development

Internship Start-End Date: 8/20/2025 - 3/01/2026