Muhammad Aliff Haiqal bin Abdul Hajid

Software Engineering Undergraduate

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Internship availability · 22 February to 7 August 2027

Professional Summary

Final-year Software Engineering student at UMPSA (CGPA 3.72, 6 consecutive Dean's Lists) with hands-on experience in full-stack, mobile, and IoT development and freelance software QA testing. Earned an international Gold Award (iCE-CInno 2026), an Asia-level hackathon final, and a 5.0/5.0 client rating as a QA tester. Open to internships in software development, quality assurance, and IT.

Experience

Freelance AI Voice QA Tester
Nexiva (blackNgreen) via Fiverr · Remote contract · 2026

I tested AI voice conversations in Malay and English across nine sessions and documented issues in ten categories.

- Evaluated speech recognition, transcription, pronunciation, and conversation handling.
- Delivered a five-sheet Excel QA report with severity ratings, evidence, and recommendations.

Freelance Software QA Tester
Fiverr · International clients · 2026

I tested at least three web applications and earned a 5.0/5.0 rating across three reviews, with repeat orders from clients in two countries.

- Completed a 10-day usability study and tested a Touch ’n Go eWallet payment flow.
- Reproduced and documented bugs, server errors, and website errors.

Education

Bachelor of Computer Science (Software Engineering) with Honours
Universiti Malaysia Pahang Al-Sultan Abdullah · Pekan, Pahang · Expected 2027
CGPA 3.72 · Dean’s List for six consecutive semesters

Foundation in Engineering
UiTM Centre of Foundation Studies · Dengkil, Selangor · 2023
CGPA 3.78

Technical skills

Web & backend · JavaScript, HTML & CSS, PHP, Laravel, Node.js, REST APIs, Cloudflare Workers

Mobile & IoT · Flutter, Dart, Progressive Web Apps, ESP32, MQTT, Sensor data pipelines

Data & integrations · Python, SQL, MySQL / MariaDB, Firebase, Supabase, Groq, Telegram Bot API, Power BI, Excel

Software quality · Functional testing, Usability testing, Regression testing, Defect tracking, Test documentation, Fix verification, SonarQube

Networking & security · Cisco CCNAv7, TCP/IP, DNS, HTTP, Routing and switching, Access control

Development & collaboration · Git, GitHub, VS Code, Slack, Figma, Word

Projects and coursework

Safwa Signal Application developer · 2026
A Shariah-focused ETF monitoring app that connects price trends, portfolio tracking, and rule-based signals in one place.
JavaScript · HTML & CSS · Cloudflare Pages · Cloudflare Workers · Cloudflare D1 · Alpaca · Groq · Telegram Bot API

DietMate Mobile and integration developer · 2026
An AI-assisted nutrition tracker for logging meals, checking daily progress, and building a routine with reminders.
Flutter · Dart · Firebase Authentication · Firestore · Cloudflare Workers · Groq · Telegram Bot API

Dobi Smart Full-stack and IoT developer · 2026–Present
A smart laundry system connecting reservations, live queues, and an owner dashboard to an ESP32 prototype.
Flutter · Dart · Node.js · Firebase Authentication · Firestore · ESP32

CashCue Team Lead, HACKTIVATE · 2026
A financial safety checker that combines a rules-based affordability assessment with plain-language AI explanations.
PHP · MySQL · HTML & CSS · JavaScript · Groq

Lumora AI Employee developer · 2026
An AI Service Desk Command Center that coordinates support tickets and incident response with human oversight.
Supervity Auto · Supabase · Slack

CRIMS Stock Monitoring & Reporting
An inventory system for repair workshops. I worked on stock monitoring, reporting, and QA across shared data.
PHP · MySQL / MariaDB · HTML & CSS · JavaScript · SQL

MySebenarnya Login security hardening · 2026
Strengthened a Laravel login with rate limiting and account lockouts for repeated failed sign-ins.
Laravel · PHP · MySQL

Flood Monitoring Sensor simulation developer · 2026
An IoT coursework project that streams simulated water-level readings into a dashboard with live data, alerts, and history.
Python · MQTT · MySQL · Laravel

Internship Tracker Extension developer · 2026
A Chrome extension that captures job posting details in an editable form and saves or updates application records in Google Sheets.
JavaScript · HTML & CSS · Chrome Extensions API · Google Apps Script · Google Sheets

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Awards and achievements

Silver Medal · Undergraduate Category · CITREx 2026 · Transformer-Based Lung Cancer Detection

Gold Award · iCE-CInno 2026

4th place of 72 teams · Hackathon X FinTech Forward 2026

Asia-Level Finalist · Supervity AutoPilot Asia Hackathon 2026

Certifications

Cross-Platform Mobile App Development with Flutter · UMPSA · 2026

Browser Security and Device & Password Security · 2025–2026

AI-Powered Python (UTHM/Rynet) and Power BI workshops · 2025–2026

CCNAv7: Introduction to Networks · Cisco Networking Academy · 2024