Ahmad Imtiyaz bin Suhaimi

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PROFILE

Computer science graduate, proficient in C++, Java, and full-stack web development with Vue.js and Laravel. Built ML-powered IoT dashboards in Python using scikit-learn, TensorFlow, and Pandas to process real-time sensor data streams. Developed desktop apps with JavaFX and automated test cases in Katalon Studio and Selenium. Skilled in MySQL/PL-SQL, RESTful API design, and Agile workflow, ready to write clean, performant code from day one. Currently deep-diving into CI/CD pipelines (GitHub Actions, Docker, Kubernetes) and DevOps culture to ship faster and more reliably.

EDUCATION

Bachelor of Computer Science, Current CGPA: 3.87   **Gombak, Selangor**
International Islamic University Malaysia (IIUM), Expected Graduation: September 2025   Oct 2021 – Aug 2025

Foundation in Engineering and Computer Science, CGPA: 3.34   **Gambang, Pahang**
Centre for Foundation Studies IIUM (CFS IIUM)   June 2020 – May 2021

PROFESSIONAL EXPERIENCE

B2BE GSS Sdn Bhd, Software Engineer Intern   **Petaling Jaya, Selangor**
                                                                                                        Mar 2025 – Sep 2025

- Maintained and debugged C++ EDI translation modules for key corporate clients, triaging and resolving translation errors to keep data flows reliable in production.
- Built new admin pages in the MapleMin web app (Laravel & Vue.js), wiring up download/upload/delete endpoints and Schematron-based validation so ops teams could process files with zero manual hassles.
- Authored and ran functional test suites in Katalon Studio, uncovering edge-case bugs, logging defects, and verifying fixes before pushing to live, making sure every release was rock solid.

B2BE GSS Sdn Bhd, Associate Software Engineer.   **Petaling Jaya, Selangor**
                                                                                                        Sep 2025 – Oct 2025

- Built APIs for document process application in Python.
- Written a script in php to query and insert data into database table.

LEADERSHIP EXPERIENCES & ACTIVITIES

I-Hax, Innovation Hackathon IIUM   **2022 – 2024**
Deputy Director, I-Hax 2024
- Directed a national-level hackathon at IIUM, engaging participants across multiple universities.
- Collaborated with industry partners and sponsors to secure funding and resources, enhancing the event's scope.

Asst. Head Public Relations, I-Hax 2023
- Managed external communications and public relations efforts for the I-Hax 2023 hackathon.
- Fostered relationships with sponsors and partners, ensuring successful collaborations and event support.

SIG: Cybersecurity Club, IIUM   **2022 - 2024**
Secretary General, 2023 – Present
- Supported various committees in planning and executing events, providing guidance on operational and administrative tasks.

Head of Technical 2022 – 2023
- Organized an internal Jeopardy-style Capture the Flag (CTF) competition with over 20 participating teams, fostering a culture of cybersecurity awareness.

SKILLS

Programming Languages: C, C++, Java, Python, JavaScript
Web Development
- **Front-end:** Vue.js, HTML, CSS
- **Back-end:** PHP (Laravel), Node.js

Testing & Automation: Katalon Studio, Selenium, Automated Test Scripting
DevOps & Deployment: CI/CD Pipelines, AWS, Google Cloud Platform (GCP)
Software Development: SDLC (Software Development Life Cycle), Agile Collaboration
Soft Skills: Leadership, Public Speaking.
Languages: Bahasa Melayu (Native), English (Proficient).

PROJECTS

Budget Tracker Web Apllication (React, Laravel, DigitalOcean, MySQL) **(On going)**

Budget tracker with a Laravel/Sanctum REST API and a React/Tailwind frontend so you can log spend in under three taps and view quick pie-and-bar reports. It's running on a DigitalOcean Ubuntu droplet with Nginx/TLS, MySQL, nightly cron'd backups to Spaces, and GitHub Actions doing tests and auto-deploys. I'm also gamifying it with streak badges and XP for categories.

Cloud-Hosted Minecraft Server on DigitalOcean (DigitalOcean droplets, SSH, Bash) **(2025)**

Spun up an Ubuntu droplet on DigitalOcean, locked it down with SSH key authentication and UFW firewall rules, then installed and fine-tuned a Java-based Minecraft server, optimizing JVM flags and managing plugins to keep things running smoothly. I wrote Bash scripts and cron jobs to automate daily backups and orchestrate scheduled server restarts, and I even built lightweight shell scripts to monitor disk I/O, memory, and CPU usage.

Eco-Track, Energy monitoring dashboard (Web, NodeJs, IoT, Machine Learning) **(2024)**

An innovative household energy management system designed to enhance energy efficiency and promote sustainable energy use. EcoTrack leverages real-time data collected from IoT sensors to monitor household energy consumption patterns. By applying machine learning algorithms, it predicts future energy usage, enabling users to make proactive decisions to reduce energy costs.

Software Testing, Testing Spotify Web Application (Selenium (python), JMeter) **(2024)**

Independently learned Selenium tools and tested the Spotify web application for functionality and performance. The project involved creating and executing automated test scripts using Python with Selenium, as well as load testing with JMeter. I documented the test plan and results using the IEEE template to ensure a professional and structured approach.

ACHIEVEMENTS

Academic and Co-curricular Awards

1) Dean's List Award for 8 Semester **(2025)**
2) University In Action Symposium (Gold Award) **(2023)**
3) SIGCTF: Capture The Flag (Participant) **(2022)**
4) RunCloud Young Technovation (RCYT) Techlympics (Semi Finalist) **(2022)**

CERTIFICATIONS

1) RunCloud Professional Certificate Cloud Practitioner Entry Level
2) RunCloud Professional Certificate Cloud Practitioner Advance Level
3) British Council English Aptis test CEFR C overall level
4) Cisco Introduction to Network

REFERRAL WILL BE GIVEN UPON REQUEST