

AMIRUL AKMAL BIN KHAIRUL IZWAN

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Career Objective: Experienced developer with expertise in SQL, PHP, Python, C++, C, Java, Ruby.
Providing result-driven output to the organization and businesses.

Qualification For Software Engineer

- **Self Hosted Website :** Experience in delivering hosted php website to the internet.
- **Tech Stack:** Familiarized with LAMP, WAMP, JAM, LEMP Tech Stack and many more. Suitable for web development and/or platform-specific application.
- **Adaptability:** High adaptability and up-to-date for new technology and implementing in the project.
- **Third Party API:** Google API, Firebase API, Claude / Groq / OpenAI, OpenStreetMap and more.
- **Version Control:** GitHub, Naming Convention, Proper Commit message

Key Skills and Competencies

Technical Skills:

- PHP, MySQL, RESTful APIs, PostgreSQL, SQLite3, Python, Ruby, C++, C, Java
- **Front-end Technologies:** HTML5, CSS3, JavaScript, Imgui, Turtle, PyGame.
- **Version Control :** Git/GitHub. branch, PR, Merge
- **Familiar Framework :** Laravel, Livewire, FatFree(F3), Flask, Django, Flutter, Tailwind, Bootstrap

Soft Skills:

- Strong problem-solving and analytical abilities.
- Effective communication and teamwork skills.
- Adaptable and quick learner of new technologies.
- Critical thinking applied when doing jobs
- Capable to multi-tasking
- Debugging and documentation mindset on the codes.

Project Experience and Achievement

Knowledge Nest (FYP)

- Information management for neighbourhood to store a useful information with implementation of fuzzy searching.
- MySQL, PHP (Laravel) and Tailwind CSS

Critical Breach on UiTM Application Security

14 Oct 2025

- Capable to identify Critical security risk to one of the UiTM Application.
- Tools used: Python (multi-threading ; mining), HTTPie, Knowledge understanding on the platform's architecture

Amal Valley Information System (NGO)

- Information and Management System for the NGO from the ground-up
- Implemented Role-Based Access Control (RBAC) for different type of users.
- MySQL, PHP (Laravel) and Tailwind CSS

Amirul-Hub (My Website)

Amirul-Hub.com

- Shared Hosting to Hosted SPA (Single Page Application).
- Used Fat-Free(F3) and Tailwind css.

Beta Tester for ILMU (Malaysia's Own AI)

- Contributed to the improvement for the team.
- Provide useful feedback and continuous input.

WARC (World Adolescent Robotic Competition)

- Malaysia representative at Guiyang, China
- Technical understanding, objective aiming and team strategic used for the competition.

Education

Universiti Teknologi MARA, UiTM

B.I.S. (Hons.) Information System Engineering

Mac 2024 - Present

- **Relevant Coursework :** Database Engineering, System Design and Implementation, System Testing, Front-end Technology.
- **Awards :** Recognition and appreciation for identifying critical security issues UiTM Application.
- **Participation:** Vice secretary in ISEC (Information System Engineering Club).

Diploma Computer Science (CGPA 3.77)

Aug 2021 - Mac 2024

- **Relevant Coursework :** Object Oriented Programming, Data Structures, Database Management, Web and Mobile Application

References

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