

WAN MOHD ALFIAN BIN WAN AZMAN

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PROFILE

Bachelor of Computer Science (Mobile Computing) with Honours student with a strong technical foundation in Java, PHP, and Python. Proven ability to deliver diverse solutions, ranging from full-stack web applications using JSP/Servlets to cross-platform mobile apps with Flutter. Highly motivated to leverage skills in software development, cybersecurity, and IoT to contribute to innovative engineering teams.

EDUCATIONS

- **Universiti Malaysia Terengganu (UMT), Kuala Nerus** (Oct 2023 – Present)
Bachelor of Computer Science (Mobile Computing) with Honours
Current CGPA | 3.34 Dean's List | Semesters 3 MUET | Band 4
- **Politeknik Sultan Mizan Zainal Abidin (PSMZA), Dungun** (Jun 2019 – Jul 2022)
Diploma of Information Technology (Digital Technology)
CGPA | 3.49 Dean's List | Semesters 3 – 4
Final Year Project | SMKPM e-Learning

PROJECTS

- **CarRental** (2025)
 - Developed a full-stack car rental web application with CRUD functionality using JSP, Servlets, and MySQL.
 - Implemented user authentication, role-based access, and responsive design for efficient booking management.
- **SportMatch UMT** (2025)
 - Developed a cross-platform mobile application using Flutter to facilitate sports matchmaking and team organization for university students.
 - Designed a high-fidelity user interface (UI) in Figma, implementing intuitive navigation and a seamless booking experience.
- **UMT Summon HotSpot** (2025)
 - Developed a location-based PWA using HTML, JavaScript, and Google Maps API to visualize high-frequency traffic violation zones.
 - Integrated geolocation mapping and data visualization tools to assist campus enforcement in identifying and managing violation hotspots.
- **Smart Home Alert System for Temperature & Humidity Control (IoT Prototype Model)** (2025)
 - Built an IoT prototype using ESP32 with MQTT protocol for real-time temperature and humidity monitoring.
 - Developed mobile-based alert notifications and remote threshold updates for proactive environmental control.
- **SMKPM e-Learning (Diploma's FYP)** (2021 – 2022)
 - Designed and deployed a complex e-learning platform for secondary school students to access digital lessons and quizzes using PHP language and MySQL database.
 - Integrated user roles (teachers, students, admins) with secure login, content management, and progress tracking features.

RELEVANT EXPERIENCES

- **Diploma Industrial Training**
IKIMIE Technology (Computer Technician) (Mar 2022 – Jul 2022)
 - **Technical Support** – Diagnosed and resolved hardware/software issues, conducting on-site troubleshooting for clients.
 - **Creative Design** – Created marketing materials and posters to support company branding campaigns
 - **Customer Service** – Communicated with clients to address technical needs, ensuring clear support and issue resolution.

CERTIFICATIONS

- **Competitions**
 - Hackathon Gemini No-Code organized by Ministry of Higher Education (Participation) (2025)

SKILLS

- **Technical Skills**
 - **Languages** – Java, Kotlin, Dart, PHP, Python, JavaScript, C++, SQL, HTML, CSS.
 - **Frameworks** – Flutter, Bootstrap, Flask, JSP/Servlets.
 - **Databases** – MySQL, Oracle.
 - **Tools** – Android Studio, Visual Studio Code, Git, GitHub, XAMPP, Visual Paradigm, Android SDK.
 - **Design** – Figma, Adobe Photoshop, Canva.
- **Soft Skills**
 - Problem-solving, Adaptability, Technical Communication, Teamwork, Time Management, Attention to Detail.

LANGUAGES

Malay | Native

English | Intermediate

REFERENCES

Dr. Noor Azliza Binti Che Mat

2U2I Advisor

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