

# WAN IZDLAN HAIQAL BIN WAN AZMI

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## OBJECTIVE

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Information Systems Engineering student with a CGPA of 3.24 and hands-on internship experience as a Web Developer from September 2025 to January 2026. Experienced in developing and maintaining web-based systems including a Learning Management System (LMS), booking systems, and conference websites. Skilled in front-end development, database integration, and system maintenance, with exposure to data scraping and event-driven platforms. Seeking opportunities to further apply and strengthen technical skills in software development and system engineering within a professional environment.

## WORK EXPERIENCE

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### Web Developer Intern - Olympia Education Malaysia September 2025 – January 2026

- Developed and maintained a *Learning Management System (LMS)*, including dashboards, course management, authentication, and UI enhancements.
- Designed and improved responsive web interfaces using HTML, CSS, and JavaScript to enhance usability and user experience.
- Contributed to internal systems development, including a standardized departmental system and a facility booking system for external users.
- Built and maintained conference and event websites (*WIED, IHEC, IHEA*), including content updates and user registration features.
- Performed website maintenance, testing, and debugging to ensure system stability across multiple platforms.
- Supported digital operations and system readiness for major events, including the *Grand Finale Golf Tournament*, by assisting with online materials and technical coordination.

### RoboRangers Academy Part Timer February 2024 - July 2024

- Assisted in building and programming LEGO-based robots (EV3, SPIKE Prime, WeDo) for educational use.
- Supported students by troubleshooting issues and explaining robotics concepts.

### Robotic Coach Freelance January 2022 - Present

- Taught robotics using LEGO platforms (EV3, SPIKE Prime, WeDo), guiding students in building, programming, and competition prep.
- Designed lessons and workshops, developing communication and leadership skills while simplifying STEM concepts for learners.

## EDUCATION

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### Bachelor of Information Systems Engineering October 2022 - January 2026

Universiti Teknologi Mara (UiTM), Shah Alam, Selangor

- CGPA: 3.24

### Malaysian Matriculation Program July 2021 - May 2022

Negeri Sembilan Matriculation College

- CGPA: 3.46 | MUET: Band 4

## PROJECT AND TASKS

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### Learning Management System (Internship Project)

- Designed and developed the LMS system including landing page, staff and student dashboards, course management modules, and authentication features using Laravel, Bootstrap, and MySQL.
- Enhanced UI/UX by improving navigation, layout consistency, and responsiveness to ensure a seamless user experience for staff and students.
- Implemented role-based access control and secure authentication to manage different user permissions effectively.
- Integrated real-time notifications and course progress tracking to improve student engagement and staff monitoring.
- Conducted system testing, debugging, and ongoing maintenance, ensuring stable performance and real-time data handling for course management and notifications.
- Collaborated with team members to document requirements, prepare SRS/SDD, and ensure the system aligned with chairman expectations.

## Standardized Internal System for Smart, Enroll & Media Departments (Internship Project)

- Assisted in developing a standardized internal system using Python, focusing on interface design, workflow standardization, and feature accessibility.
- Implemented functional modules that streamline operations, including data entry forms, dashboards, and internal reporting tools.
- Collaborated with team members to test, refine, and maintain system performance, ensuring reliability and efficiency across multiple departments.

## Conference & Event Websites (WiED, IHEC, IHEA) (Internship Project)

- Developed and maintained multiple international conference websites using Laravel and Tailwind CSS, implementing user registration, content management, and event information modules.
- Performed continuous website maintenance, updates, and debugging to ensure stability, responsiveness, and accessibility for conference participants.
- Supported digital operations for events, including pre-event preparation, real-time updates, and integration of registration and outreach functionalities, enhancing participant engagement.

## IoT Fire Safety Monitoring System (ESP32)

July 2025

- Engineered an IoT-enabled fire safety monitoring system using ESP32, integrating temperature, humidity, gas leakage, and flame sensors for real-time environmental monitoring.
- Designed and implemented automated safety responses by controlling actuators (buzzer, ventilation fan, and water pump) through relay modules upon detection of hazardous conditions.
- Integrated cloud-based monitoring via the Blynk IoT platform, enabling remote visualization of sensor data and system status.
- Implemented real-time alert notifications using Telegram Bot API to ensure immediate incident awareness and response.

## The Development of Nursing Home Volunteer and Donation Management System (FYP) July 2025

- Designed and developed a volunteer and donation management system using HTML, CSS, and JavaScript, integrated with MongoDB and Node.js.
- Led the system development lifecycle from requirements analysis to implementation, including SRS and SDD documentation.
- Gathered stakeholder requirements through interviews and surveys to define system features.
- Implemented key features such as volunteer scheduling, donation tracking, chatbot assistance, and automated receipts.
- Improved staff efficiency and donor/volunteer engagement through centralized data management.

## CERTIFICATION

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### • Microsoft Certified: Azure Data Fundamentals

Participated in a comprehensive course organized by Yayasan Peneraju and Asia Pacific University, where I validated my foundational knowledge of core data concepts and Azure data services. Throughout the program, I actively engaged in hands-on learning, applying these skills in real-world scenarios and collaborative projects to deepen my understanding of data-driven solutions.

### • Microsoft Certified: Power BI Data Analyst Associate

Participated in an intensive course organized by Yayasan Peneraju in collaboration with Asia Pacific University, where I consistently applied Power BI software over several months. The course provided comprehensive training on data visualization, analytics, and dashboard development, enhancing my skills in data-driven decision-making and business intelligence.

## ADDITIONAL INFORMATION

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### Language:

Bahasa Malaysia (Native), English (Moderate)

### Soft Skills:

Communication, Problem Solving, Team Leadership

### Hard Skills:

*Programming & Development:* C, C++, HTML, CSS, JavaScript, PHP,

*Database Management:* MySQL, MariaDB, MongoDB, PowerBI, RapidMiner, Weka

*Tools & Platforms:* Visual Studio Code, Xampp, ArduinoIDE, Studio 2.0, Arduino, LEGO Mindstorms, Github, Vercel, cPanel

*Software:* Microsoft (Word, Powerpoint), Canva, Figma

## REFERENCES

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Adj. Prof. Dato' Seri Hj. Abdul Rani Hj. Osman | CEO of Olympia Education Malaysia | +60 11-12370986

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