

MUHAMMAD IRFAN BIN ZULKIFLI

SOFTWARE ENGINEER

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<https://github.com/Irfan-Zulkifli>

SUMMARY

Software Engineer with hands-on experience in full-stack web development, backend architecture, and robust API development. A high-achieving professional with a 3.76 CGPA and a proven record of delivering internal applications and foundational project prototypes. Skilled in writing clean, efficient code for real-world projects and driving them from kickoff to User Acceptance Testing (UAT).

WORK EXPERIENCE

Software Developer, Rocket Web Sdn. Bhd.

Nov 2025 - Present

- Developed 'i-kew', an internal financial and procurement system for a major federal government agency using Laravel, PHP, and MySQL. Engineered the 'i-perolehan' module to manage and track procurement statuses, and the 'e-vot' module to monitor budget utilization and expenditure performance.
- Developed both the frontend and backend of the 'MyHadith' web application and its accompanying CMS, utilizing Bootstrap for the UI framework, alongside Laravel and MySQL for backend development.
- Managed the ongoing maintenance, feature expansion, and system integration of the internal 'Asset Management' module using Laravel and PHP.

Software Developer Intern, Rocket Web Sdn. Bhd.

July 2025 - Oct 2025

- Started the internship by building prototypes for a 'Posting Web App' and an 'Asset Management' system to establish a strong foundation in Laravel.
- Successfully turned the 'Asset Management' prototype into a fully functional module, integrating it directly into the company's live internal system for daily employee use.
- Independently built the initial prototype for the 'MyHadith' web app, which directly led to being trusted to develop the official, full-scale project.

PROJECTS

Sacker, Sales & Inventory Management Web-Based System

Small Business Project | Laravel, PHP, JavaScript, Bootstrap

- Developed a customized, full-stack web application for a local small business to digitize their daily sales tracking and customer management.
- Developed a custom billing module that allows the business owner to instantly generate, format, and print professional invoices and receipts.
- Built dynamic frontend forms utilizing JavaScript and AJAX to execute real-time inventory validation during the sales creation process.
- Designed a robust backend architecture ensuring data integrity, featuring seamless stock synchronization and detailed activity logging for all CRUD operations.
- Provisioned and configured a Virtual Private Server (VPS) utilizing Nginx as the web server to independently deploy, host, and maintain the application in a live environment.

Progressive Web Application for University News & Events

Final Year Project | React, Express.js, Node.js, PostgreSQL, and service workers.

- Developed a Progressive Web App (PWA) as a Final Year Project to centralize university news, enhancing student engagement and accessibility.
- Handled end-to-end full-stack development, implementing user authentication, admin management, and personalized content delivery.
- Engineered core functionalities including real-time updates, offline access, and push notifications utilizing React.js, Node.js, PostgreSQL, and Service Workers.

SKILLS

- **Languages:** PHP, JavaScript, Java, Python, HTML, CSS
- **Frameworks & Libraries:** Laravel, Bootstrap, React.js, Node.js, Express.js, AJAX, Yajra DataTables
- **Databases:** MySQL, PostgreSQL
- **Tools & Infrastructure:** Git, Nginx, Postman, Visual Studio Code, DBeaver, phpMyAdmin, XAMPP, Jupyter Notebook
- **Design & Architecture:** Figma, draw.io, PhotoPea

EDUCATION

Bachelor of Computer Science (Hons.)(Software Engineering) Multimedia University • CGPA: 3.76/4.00	Oct 2022 - Oct 2025
Foundation in Information Technology Multimedia University • CGPA: 3.90/4.00	2021 - 2022
Sijil Pelajaran Malaysia (SPM) Sekolah Menengah Sains Selangor • 3A+/4A/2A- (9A)	2016 - 2020

REFERENCES

Dr. Wan Noorshahida Binti Mohd Isa

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Multimedia University

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Dr. Zarina Binti Che Embi

Project Supervisor

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