

# Wan Aqmal Hariz Bin Wan Mohd Muzafar

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## Summary

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Software Engineering graduate currently working as a Software Developer, with experience in web application development and technical support. Skilled in building scalable project management systems using Tan Stack, Next.js, React, TypeScript, PostgreSQL, and Prisma ORM. Experienced in developing reusable UI components, application modules, REST APIs, and collaborating with cross-functional teams to deliver maintainable, user-focused software.

## Skills

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**Programming:** JavaScript, TypeScript, Java, PHP, Python

**Frameworks & Libraries:** Next.js, React, Vue.js, Flutter, React Native, Tailwind CSS, NPM, TanStack

**Databases & Storage:** PostgreSQL, MySQL, Firebase, Supabase, Prisma ORM

**Tools & Cloud:** Git, GitHub, Docker, Postman, GitHub Actions, AWS, Google Cloud

**IT Support:** Hardware and software troubleshooting, server configuration, network support

## Work Experience

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**Software Developer** | ACS Engineering & Services Sdn. Bhd.

Jun 2025 – Present

- Develop and maintain Nexus, a multi-tenant Facility and Maintenance Management System, using Next.js, React, Typescript, Tan Stack, Prisma ORM, and PostgreSQL.
- Develop reusable React/TypeScript components for calendars, data tables, dashboards, charts, and forms, and implement REST APIs and Prisma-based database schemas for application modules' reusable UI components (calendars, data tables, dashboards, charts, forms) along with application modules, REST APIs, and database schemas.
- Implement user management, CSV data import, role-based access control (RBAC), reporting, and file management using Supabase Storage, along with a built-in Presentation Mode for transforming operational data into presentation-ready slides.
- Participate in code reviews, testing, debugging, and feature development, troubleshooting application and integration issues across frontend, API, and database layers.

**Technical Support Engineer** | Beyond2u (IT Solutions Company)

Dec 2021 - Nov 2022

- Provided onsite and remote IT support for enterprise clients including TNB, Sunway Group, and McDonald's.
- Installed, configured, and troubleshooted servers, workstations, printers, software, and network devices while minimizing down-time.

## Projects

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**ICMMS - Integrated Computerised Maintenance Management System** | Professional Experience

2025 - Present

- Developed a multi-tenant, subscription-based facility and maintenance management system to support operational activities and maintenance services across multiple sites, including **DBKL Jabatan Saloma** and **DBKL Jejantas Tun Teja**.
- The system provides task management, claims, inventory, attendance, tickets, notices, event management, team scheduling, dashboards, and reporting, with a subscription model that allows organizations to access services and features based on their operational requirements.

**Building Link System - Resident Management Mobile and Web Application** | Bachelor's Final Year Project

2025

- Developed a resident and property management system using Flutter, Laravel, and Firebase, featuring announcements, facility bookings, payments, parking management, emergency requests, live chat, event management, and resident services

**COSCO IT Help Desk Ticketing System** | Freelance

2024

- Developed a simple in-house IT help desk ticketing system for a small department, allowing staff to submit and track IT support requests while enabling the IT team to manage, assign, update, and resolve tickets from a centralized platform.

## Education

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**Bachelor of Information Technology (Hons) in Software Engineering** | Universiti Kuala Lumpur

2022 – 2026

CGPA: 3.51. Dean's List: Semesters 1, 2, 5, and 6.

**Diploma in Computer Science** | Kolej Universiti Poly-Tech MARA

2019 - 2021

CGPA: 3.65. Dean's List: Semesters 3, 4, and 5.

## Certifications

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AWS Certified Cloud Practitioner | Google Project Management Professional Certificate

2026