

WAN AMIRUL AMIR BIN WAN ROMZI

Bachelor of Computer Science (Hons.) | Software Engineering
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SUMMARY

Software Engineering graduate specializing in full-stack and cross-platform development. Builds production-ready web apps, PWAs, and mobile applications across the stack, from React, Next.js, and Vue front ends to Node.js, Django, Spring Boot, and Supabase back ends. A polyglot engineer comfortable moving between languages and frameworks, with hands-on experience shipping a real-time job management system as a Final Year Project. Seeking a software developer role to build reliable, well-architected software.

EDUCATION

Yayasan Telekom Malaysia (YTM) Scholar — Foundation & Degree	August 2022 - July 2026
Bachelor of Computer Science (Hons.), Software Engineering	August 2023 - July 2026
Multimedia University (MMU), Cyberjaya — CGPA: 3.73	
- Capable across: web development, Progressive Web Apps (PWA), software engineering, mobile app development, polyglot engineering, and backend & infrastructure handling - Relevant coursework: Software Development, Data Structures & Algorithms, Networking (Cisco)	
Foundation in Information Technology	August 2022 – July 2023
Multimedia University (MMU), Cyberjaya — CGPA: 3.74	
Sijil Pelajaran Malaysia (SPM)	2017 – 2022
Maahad Tahfiz Sains Darul Aman, Kulim, Kedah — Result: 12A	
Active member of Robotics Club	

TECHNICAL SKILLS

- Languages:** Java, C, C++, Python, PHP, TypeScript, JavaScript, Lua, Dart
- Frontend:** React, Next.js, Vue.js, Angular
- Backend & Infrastructure:** Node.js, Express.js, Django, Flask, Spring Boot, FastAPI, Laravel, Docker, PostgreSQL, MySQL, Supabase
- Mobile:** Flutter, React Native
- Tools:** VS Code, Vite, Git, GitHub, Figma, Vercel

PROJECTS

JobSync - Digital Job Sheet & Work Order Management System	Final Year Project, 2026
React · Supabase (PostgreSQL, Auth) · Progressive Web App · Vercel	
- Built a cross-platform system that digitizes paper job sheets for service-based SMEs, covering the full job cycle from creation and assignment through field reporting and completion - Developed an admin dashboard for creating, assigning, and monitoring job orders in real time, plus a technician mobile app to view assignments, report progress, and submit digital job sheets from the field - Implemented offline data entry with automatic synchronization on reconnect, and secure role-based access control (administrator vs. technician) via Supabase Authentication - Backed by a Supabase-managed PostgreSQL database centralizing users, jobs, job sheets, status, and attachments for traceability and reporting	
Recipe Management System	HTML, CSS, JS, PHP, MySQL
Built a dynamic web platform for discovering, creating, and managing recipes, with multi-role access (Guest, Registered User, Chef, Admin) and distinct permissions per role	
Kwazam Chess	Java
Developed a chess-like strategy game applying the MVC pattern and OOP principles for a maintainable, scalable architecture	
Robot Wars & OS Registry Simulations	C++
Created simulations demonstrating OOP (encapsulation, inheritance, polymorphism) and low-level concepts including memory management, file handling, and structured control flow	

LEADERSHIP EXPERIENCE

Head of Bureau, Tanjim Jabatan Nuqaba — Usrah Institution Club	October 2025 – July 2026
- Directed “Daurah Tarbiyatul Islamiyyah,” leading planning, coordination, and execution of the event - Managed and facilitated usrah sessions and oversaw bureau responsibilities throughout the term	
Committee Member, Usrah Institution Club	April 2025 – October 2025
Conducted regular usrah sessions and helped plan and execute campus religious and community engagement events	

CERTIFICATIONS & AWARDS

- ICDL Workforce:** Presentation (2025); Spreadsheet, Documents, Teamwork (2024)
- Rero Robotics & Coding Competition:** Champion – RAC19 National & State (Secondary); Qualified for RAC International; Gold Award – RAC20 Online Theory; Champion – RAC21 Live Coding Challenge (Secondary)

REFERENCE

Nur Erlida Binti Ruslan — Final Year Project Supervisor
Assistant Professor - Faculty of Computing & Informatics, Multimedia University (MMU), Cyberjaya
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