

AZWAR FADZLIN BIN ZAILANI

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Summary

Final-year Software Engineering student with a strong foundation in software development, system design, and engineering principles. Experienced in building real-world applications across mobile and web development, with hands-on exposure to cloud infrastructure and CI/CD workflows. Interested in internship opportunities across software engineering, desktop application development, AI, cloud, or related technology domains. Available for a 20-week internship starting in August, with flexibility to extend or transition into a full-time role.

Education

UNIVERSITI KEBANGSAAN MALAYSIA (UKM) | Bangi, Selangor
Bachelor of Software Engineering (Information Systems) | 03/2027

- IESP MARA Scholar
- Current CGPA—3.86 / 4.00
- Faculty Student Secretariat, PERTAMA UKM
- College Executive Committee Member (Exco), Bureau of TTK, Kolej Pendeta Za'ba
- Actively involved in 40+ university programs, serving multiple times as Technical Exco, leading technical execution.

KOLEJ PROFESIONAL MARA BERANANG (KPM) | Beranang, Selangor
Diploma in Computer Science | 06/2024

- Graduated 1st Class—3.69 / 4.00 CGPA
- Malaysian University English Test (MUET): Band 4.0

Experience

Experian (MY) | Cyberjaya, Selangor
End User Services (EUS) | 08/2023 - 08/2024

Service Desk Analyst (Contract-Based) | Feb 2024 – Aug 2024 (Hybrid)

- Provided first-level technical support for **100+ end users** via phone, email, and instant messaging.
- Managed **20–30 daily incident tickets** using **ServiceNow**, maintaining **95%+ SLA compliance**.
- Diagnosed and resolved hardware and software issues, including **component replacement**, **BIOS configuration**, **BitLocker support**, and remote troubleshooting.
- Performed hardware and network troubleshooting, including wireless connectivity and **VPN issues**.
- Managed user accounts in **Active Directory** (account unlocks, password resets, access management).
- Escalated complex incidents to **Level 2 and Level 3 teams** while ensuring proper documentation.
- Performed system administration tasks including **OS deployment**, software installation, and routine updates.

Desktop Vulnerability Management Analyst (Intern) | Dec 2023 – Jan 2024 (Hybrid)

- Selected to transition from IT Support to Vulnerability Management based on strong performance.
- Remediated identified vulnerabilities across corporate endpoints, improving security compliance.
- Ensured systems complied with internal security standards and the latest **Windows security patches**.
- Deployed security updates using **SCCM (System Center Configuration Manager)**.
- Performed manual patching, encryption verification, and update validation to maintain high patch compliance.

IT Support (Intern) | Aug 2023 – Nov 2023 (On-Site)

- Performed on-site troubleshooting and repair for user laptops and workstations.
- Conducted hardware repairs, **OS deployment**, system imaging, **BIOS configuration**, and **BitLocker support**.
- Installed and configured enterprise software applications and supported routine updates.
- Assisted with IT asset preparation and endpoint setup for corporate deployment.
- Assisted in resolving network connectivity issues including WiFi and VPN access.

Skills

- **Programming:** Kotlin, Java, JavaScript, SQL, PHP, Python
- **Frontend:** React, Next.js, Tailwind CSS, Jetpack Compose
- **Backend/Cloud:** Node.js, Firebase, Supabase, AWS, Vercel
- **Database:** Firestore (NoSQL), PostgreSQL, MySQL
- **Version Control:** Git, GitHub
- **Tools:** Android Studio, Visual Studio Code
- **Concepts:** Client-Server Architecture, MVVM, Agile Development, CRUD, CI/CD

Projects

UniMove – Campus Fitness Tracking App (Final Year Project)

- Developed an Android fitness tracking app using Kotlin and Jetpack Compose to monitor distance, pace, and routes.
- Implemented real-time activity tracking and route mapping using Google Maps API and Play Services Location.
- Integrated Firebase Authentication and Cloud Firestore for secure user management and real-time data synchronization.
- Designed a leaderboard and challenge system to improve user engagement and motivation.
- Built a community feed feature for users to share activities and interact.
- Applied MVVM architecture and Kotlin Coroutines for scalable and responsive performance.
- Extended system design to support wearable integration (Wear OS) for fitness tracking via smartwatch.

Tech Stack: Kotlin, Jetpack Compose, Firebase, Google Maps SDK, MVVM, Git, Node.js

JomEco – Sustainable Lifestyle & Waste Classification App

- Developed application to promote sustainable living and eco-friendly community engagement.
- Integrated TensorFlow Lite and CameraX to implement real-time waste classification using on-device AI.
- Utilized ML Kit barcode scanning for efficient event check-ins and product information retrieval.
- Applied MVVM architecture with Kotlin Coroutines.
- Implemented offline data persistence using Room Database.
- Integrated Retrofit REST APIs for synchronization of environmental initiatives and community event data.
- Designed responsive Material 3 UI components to improve usability and user experience across Android devices.

Tech Stack: TensorFlow Lite, ML Kit, CameraX, Room, Retrofit, MVVM, Coroutines, Material 3

Personal Portfolio Website

- Developed a modern, responsive portfolio website using Next.js, React, and TypeScript to showcase projects.
- Implemented animations and responsive UI design using Tailwind CSS.
- Integrated Supabase for backend data management and deployed the website on Vercel with automated CI/CD.

Tech Stack: Next.js, React, TypeScript, Tailwind CSS, Supabase, Vercel

Certificates & Awards

AWS Certified Cloud Practitioner (CLF-C02), AWS Academy Graduate, Gold Medal in Dice 3.0, Dean's List Award for All (7) Consecutive Semesters at KPM, 3rd runner-up in Robotic Competition (National Science Week), ICYOUTH 2026 Hackathon Challenge Participant

References

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