

MUHAMMAD AMIR HAMZAH BIN ABD AZIZ

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Personal Statement

Passionate **Android developer** with **6 months of hands-on experience** as an **Android developer intern**. Achieved first place in the university-level competition for Final Year Project 1. **Seeking a challenging role as a mobile developer** or any related field to further enhance knowledge on programming skills and contribute to innovative projects.

Education

Bachelor in Information Technology in Business Intelligence and Analytics, 2020-2024,
International Islamic University Malaysia (IIUM), Kuala Lumpur.
CGPA:3.73/4.00

Working Experiences

Android Programmer (Internship), WAHDAH Technologies, Ayer Keroh Melaka, March–August 2024. (6 months)

- **Assisted** in the development of a key feature for the **company's Android application**, DRIVE, enabling users to order batteries directly through the app.
- Developed user interfaces by utilizing **Android's XML-based layout structures** within various ViewGroups, including LinearLayout and ConstraintLayout.
- Gained hands-on experience with **REST API** integration, implementing it within the DRIVE application to enhance app functionality.
- Applied **Kotlin language and explored Android SDK** components such as fragments, adapters, RecyclerView, and interfaces during code execution.
- Worked within the **MVVM architecture**, contributing to better code maintainability and separation of concerns within the DRIVE application.
- Integrated **Google Maps API** to display user locations and improve the user experience with location-based services.
- Participated in bug fixing, API testing using Postman, and assisted in pushing app updates to Google Play Store under the guidance of senior programmers.

Project Involved / Completed

Final Year Project, SwitchAR, AR Virtual Switch Control For IoT-Based Smart Home Automation 2024.

- A partnered Final Year Project aimed at helping the elderly become more independent with home appliances. Proposed and developed a mobile application using **Flutter** and **Unity** application that incorporates **IoT** and **AR** concepts, resulting in an innovative solution that provided the elderly with an intuitive and interactive way to control and interact with home appliances.

IIUM Wildlife Report, Flutter group project (CRUD Functions). 2023

- Solving one of the problems in IIUM, this project was designed exclusively using **Flutter** for students to report any wildlife-related problems they encounter within the university's compound.
- The app utilizes the device's camera to capture visual evidence and stores the reports in **Firestore cloud Firestore**.
- Students can conveniently access, update and manage their submitted reports through the application.
- The application also assigns a respective officer in-charge to handle each complaint, ensuring swift resolution of animal issues around IIUM compound.

Activities and Involvement

- Hackathon MAP2U X USIM 2024, State Level, Participation, February 2024.
- Innovatex: Innovative Tech Expo 2024, University Level, Participation, January 2024.
- Multimedia Editor, Feast & Fun: Outreach For Underprivileged Children, Volunteering, IIUM, Jun 2023
- Preparation and Technical, Student Ambassadors, KPMG Malaysia, January 2023 - December 2023.

Achievements

- Malaysia Data Innovation Talent 2023, National Level, Top 50 among 120 groups, October 2023.
- Dean list award recipient (7 out of 8 semesters), 2020-2024.

Certificate

Postman API Fundamentals Student Expert, Jun 2024, Postman, Online course.

- Hands-on certification covering API fundamentals, Postman usage for GET/POST/PATCH/DELETE requests, query parameters, response codes, basic scripting, API Key Authorization, and integrating APIs into applications.

Skills

- **IT Proficiency** Microsoft Office, Visual Studio Code, Android Studio, Postman, Flutter
- **Programming** Dart, Kotlin, C++, Java, Javascript, PHP, HTML, CSS, SQL
- **Version Control** Git, Github, GitBash
- **Language Proficiency** Bahasa Malaysia(Native), English (Intermediate), Arabic(Beginner)

References

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