

MUHAMMAD AMIR HAMZAH BIN ABD AZIZ

Gombak, 53100, Kuala Lumpur, Selangor

+6018-9103791 | amirium381@gmail.com | amoiir.github.io



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.

- Won first place under System Development category from Department of Information System.

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

Dr. Madihah Bt. S. Abd. Aziz
Deputy Director, KICT
KICT, IIUM
madihahs@iium.edu.my / 03-64215635

Samantha Liew Ming Hwei
Head of department of tech department
WAHDAH Technologies
samantha@wahdah.my / 0122531594

