

AFIQ AIMAN BIN AHMAD FAIRUZ RIZAL

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PROFESSIONAL SUMMARY

Highly determined and self-disciplined graduate with strong academic knowledge and passion in the areas of programming as well as mobile and web application development. Knowledgeable in JavaScript, Dart, PHP, HTML and CSS along with React Native, React.js, Flutter and Laravel. Recognized as a fast learner while able to perform independently under minimal supervision.



EDUCATION & KEY KNOWLEDGE AREAS

Bachelor of Engineering (Mechatronics) (Hons | CGPA: 3.60), International Islamic University Malaysia (2021)

Software Engineering
Digital Signal Processing
Embedded System Design

Robotics
Biomedical Instrumentation
Power Electronics & Drives

Industrial Automation
Control System
Engineering Design

IT Skills

React Native | JavaScript | React.js | HTML | CSS | Flutter | Laravel | Dart | PHP | Python | Github



ACADEMIC PROJECTS

Final Year Project – Speech Emotion Recognition (SER) Using Bahasa Malaysia

- Developed machine learning algorithms using Python in identifying the emotion of the speaker from the speaker's speech.

Integrated Design Project (2020) – Window Cleaning Robot Design

- Integrated Arduino Nano and other components including as motor driver, servo and DC motor to ensure smooth movement of the robot.



WORKING EXPERIENCE

Frontend Developer, Malayan Banking Berhad (Maybank)

Jan 2022 – Present

- Developed frontend user interface using React Native and JavaScript for iOS and Android mobile applications.
- Worked with a team of 3 developers to add a new feature in one of the most used apps in the App Store.
- Cooperated with the backend team to integrate the APIs provided by them to the mobile application.
- Created animations and interactive components using React Native.

Mobile and Web App Developer, Favourite Trainer Sdn Bhd

Oct 2021 – Jan 2022

- Successfully developed and uploaded a mobile application to Google Play Store.
- Independently learned and developed a mobile application using Flutter.
- Responsible for frontend web development activities for a project with Ministry of Health.

Web App Developer Trainee, Favourite Trainer Sdn Bhd

Jun 2021 – Sep 2021

- Assisted in carrying out both frontend and backend development activities.
- Harnessed an array of tools including HTML, CSS, JavaScript, PHP and Laravel.

**EXTRACURRICULAR INVOLVEMENT** -----

- **Head of General Task**, Titian Wahyu Club – Organized and sourced sponsors for various charity programs while participated in the Jom Bekpes, Engage the Refugees, Ilm Project Uno along with Helping the Homeless programs (2017 – 2020).
- **Block Representative Committee** – Engaged with the college management in resolving the day-to-day issues at the hostel block. (2017 – 2019)
- **Participant**, Community Service: Youth in Action – Carried out various charity work for orphanages in Kelantan (2018).
- **Participant**, ‘Charity Run: Run for Underprivileged’, Engitex’19 Wave Run and ‘Fly High 7.0’ (2019).
- **Committee**, Future Technologies – Co-organized the program in exposing engineering students to future technologies (2018).
- Won the Gold Medal for volleyball and Silver Medal for marching during the IIUM Sports Carnival (2018).

**AWARDS & RECOGNITIONS** -----

- Presented the research paper at the 7th IEEE International Conference on Signal & Image Processing 2021 attended by best academicians (2021).
- Successfully published the Speech Emotion Recognition Using Bahasa Malaysia in the IEEE (Institute of Electrical and Electronics Engineers) Xplore publication (2021).
- Awarded 5 times Dean’s List (2017-2021).

**SKILLS & STRENGTHS** -----

Analytical Skills: Able to effectively analyze and process large volumes of information in conceiving sound conclusions.

Planning & Organizational Skills: Demonstrated outstanding capacity in planning and completing both academic and non-academic tasks within set deadlines.