





NURUL IFFAH MOHD ZUKHI

COMPUTER SCIENCE FRESH GRADUATE

CONTACT

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 [Iffah Zukhi Portfolio](#)
 Kuantan, Pahang.

EDUCATION

Bachelor Of Computer Science

Universiti Sains Malaysia

2020 - 2024

Major: Computing Infrastructure

Minor: Psychology

Relevant coursework: Integrated Software Development, Database Management, Programming Language, Information Security Management, Network Security, IoT Architecture and Smart Applications, Parallel and Cloud Computing, Digital Forensics and Investigation, Systems Security and Protection, Wireless Network and Mobile Computing.

Matriculation

Kolej Matrikulasi Pahang

2018 - 2020

Took Module 3: Chemistry, Biology and Computer Science.

SPM

SMK Tengku Intan Zaharah

2013 - 2017

Took science stream. SPM Result: 5A3B1C.

PROFILE

An adaptable and driven Computer Science graduate from Universiti Sains Malaysia with expertise in front-end mobile app development using Flutter and UI/UX design. Experienced in building real-time applications like the USM Bus Tracker. Strong interest in data analytics with skills in database management and data visualization. Eager to expand into web development and continuously grow in both technical and analytical areas.

ACADEMIC PROJECTS

Food Ordering System

Jan 2021

- Developed a C++ food ordering system application.
- Utilized file access for dynamic menu display.
- Implemented order total calculation features.
- Integrated administrative functions for system management.

Hangman Game

June 2021

- Collaborated in a 2-person team to develop a C++ game.
- Structured program using classes and methods for maintainability and scalability.
- Utilized linked lists as the primary data structure for efficient data handling.
- Focused on creating reliable and optimized code.

DVD Rental Services System

Oct 2021 - Feb 2022

- Worked with a 4-person team to build a web application using Oracle Apex.
- Successfully integrated the application with a SQL Server database.
- Gained hands-on experience in data visualization, preparation, and model implementation.
- Applied key concepts to ensure robust and efficient application performance.

SwaPDF

Nov - Dec 2021

- Teamed up with a 4-person team to develop and deploy a website using the Apache web server.
- Set up the web server within a Docker container for scalable deployment.
- Integrated the Java PDFBox library to enable PDF-to-text file conversion functionality.

Cinema Booking App

Nov 2021 - Jan 2022

- Collaborated with a 4-person team to design and develop the front-end of a cinema booking application.
- Emphasized creating an intuitive and user-friendly interface.
- Adhered to module specifications to meet project requirements.
- Utilized Java in Android Studio to deliver a seamless and engaging user experience.

Mari Bertutur App

Oct 2022 - Jan 2023

- Partnered with a 4-person team to develop a Java-based Android app in Android Studio aimed at teaching children under five the sounds of the alphabet.
- Played a key role in designing the user interface and essential features.
- Ensured the app was engaging and accessible for young learners.

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EXPERTISE

Technical Skills:

Flutter | Framer (Prototyping Tool) |
Figma | Java SE | HTML | CSS | C++ |
SQL (Oracle, PostgreSQL) | VS Code |
Android Studio

Soft Skills:

Team Collaboration | Clear
Communication | Problem-Solving |
Time Management | Organizational
Management

STRENGTHS

- Proactive learner with a willingness to adapt to new challenges.
- Self-motivated, consistently driven to achieve high standards.
- Attentive listener with a focus on understanding and responding to team needs.
- Collaborative team player with leadership experience.
- Highly adaptable, thriving in fast-paced environments.

CERTIFICATES

AWS S3 Basics

Coursera Project Network - Oct 2024

Getting Started With Data Analytics on AWS

Coursera - Sep 2022

IoT Project: Gas Leakage & Fire Detector

Jan 2024

- Partnered in a 2-person team to create a gas leakage and fire detection system using sensors and Arduino IDE.
- Set up data transmission through an MQTT server and integrated MongoDB for efficient data storage.
- Utilized Google Cloud Platform for enhanced processing and analytics capabilities.
- Played a crucial role in designing and implementing key system components, ensuring accurate detection and alert notifications.

USM Bus Tracker (FYP)

Oct 2023 - June 2024

- Developed the front-end of a mobile application using Flutter, incorporating sensors via LoRaWAN to enable real-time data transmission from the backend (NodeRED, InfluxDB, PostgreSQL).
- Designed features to calculate distances to bus stops and display estimated arrival times (ETA).
- Implemented a notification system using Firebase Cloud Messaging, allowing bus operators to receive updates on students waiting at each stop.
- Recognized for innovation and awarded the Silver Award at the Pixel event.

WORK EXPERIENCE

Software Developer Practical Trainee

HeiTech Padu Berhad

Mar - Sept 2023

- Involved in SPS Mobile App to do the front-end using Framer & Flutter.
- Exploring Angular/Laravel for Website Creation.
- Adding 'Add City Council' features that enable users to choose their selected city council using Flutter.
- Partially involved in creating the UI/UX on Framer for the MyTPP Web Portal and Mobile App.

Kitchen Crew

Watak Kopi, Kuantan

March 2022

- Adhered strictly to established protocols in kitchen and beverage operations.
- Enhanced communication skills with customers and coordinated effectively with branch staff.

Barista & Kitchen Crew

Pine Beach Cafe, Dungun

July - Sept 2020

- Perfected the craft of latte art, beverage preparation, and food production.
- Maintained a pristine and professional environment, ensuring outstanding guest satisfaction.
- Played a key role in enhancing the cafe's visual appeal by contributing innovative ideas for interior design during its opening phase.