





NURUL IFFAH MOHD ZUKHI

COMPUTER SCIENCE FRESH GRADUATE

CONTACT

 +60197045318
 nuruliffahmohdzukhi@gmail.com
 [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

A collaborative and driven Computer Science student at Universiti Sains Malaysia, working towards a Bachelor's degree in Computer Science. Dedicated to staying focused, meeting tight deadlines, and achieving set goals. Possesses a strong foundation in information security management and cybersecurity.

ACADEMIC PROJECTS

Food Ordering System

Jan 2021

Developed a C++ program for a food ordering system that manages menu display through file access, calculates order totals, and includes administrative functions for the system owner.

Hangman Game

June 2021

Worked in a 2-person team to develop a C++ game, focusing on creating reliable and maintainable code by structuring the program with classes, appropriate methods, and using linked lists as the primary data structure.

DVD Rental Services System

Oct 2021 - Feb 2022

Contributed to a 4-person team in developing a web application with Oracle Apex, successfully integrating it with a SQL Server database. Acquired hands-on experience in data visualization, preparation, model implementation, and evaluation, leveraging key concepts to deliver a robust and efficient application.

SwaPDF

Nov - Dec 2021

Collaborated with a 4-person team to develop and deploy a website using the Apache web server, setting it up within a Docker container. Integrated the Java PDFBox library to enable users to convert PDFs into text files.

Cinema Booking App

Nov 2021 - Jan 2022

Worked within a 4-person team to design and develop the front-end of a cinema booking application, emphasizing an intuitive and user-friendly interface. Adhered to module specifications and utilized Java in Android Studio to deliver a seamless and engaging user experience.

Mari Bertutur App

Oct 2022 - Jan 2023

Collaborated 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, ensuring the app was engaging and accessible for young learners.

IoT Project: Gas Leakage & Fire Detector

Jan 2024

Worked in a 2-person team on an IoT project to develop a gas leakage and fire detection system using sensors and Arduino IDE. Implemented data transmission via an MQTT server, integrated MongoDB for storage, and leveraged Google Cloud Platform for advanced processing and analytics. Contributed to designing and implementing key system components, ensuring effective detection and alerting mechanisms.

NURUL IFFAH MOHD ZUKHI

COMPUTER SCIENCE FRESH GRADUATE

CONTACT

- +60197045318
- nuruliffahmohdzukhi@gmail.com
- [Iffah Zukhi Portfolio](#)
- Kuantan, Pahang.

EXPERTISE

Technical Skills:
Flutter | Framer | Figma | Java | HTML | CSS | C++ | SQL

Soft Skills:
Teamwork | Communication | Problem-Solving | Organizational Management | Time Management

REFERENCES

Dr. Azizul Rahman Mohd Shariff

- +60174809150
- azizulrahman@usm.my

USM Bus Tracker (FYP)

Oct 2023 - June 2024

Developed the frontend of a mobile application using Flutter, integrating sensors via LoRaWAN to deliver real-time data from the backend (NodeRED, InfluxDB, PostgreSQL). The app calculated distances to bus stops and provided estimated arrival times (ETA). Additionally, I created a notification system using Firebase Cloud Messaging for bus operators to receive updates on students waiting at each stop. This project was recognized for its innovation and received 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

- Excellent at managing time efficiently.
- 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.