

MUADZ KHALID

Malaysia, Selangor | P: +60 138757149 | muadzkhali6@gmail.com | www.linkedin.com/in/muadzkhali6

EDUCATION

PENANG MATRICULATION COLLEGE

Science Module II

Cumulative GPA: 3.9; Vice Chancellor List

Kepala Batas, Penang
Completed September 2021

UNIVERSITY PUTRA MALAYSIA

Bachelor of Computer Science with Honors

Major in Computer Science

Cumulative GPA: 3.6; Dean's List 2022/2023-2, 2023/2024-2

Relevant Coursework: Data Analysis, Machine Learning, Operating Systems, Algorithms, Artificial Intelligence

Serdang, Selangor
Expected August 2025

WORK EXPERIENCE

Bio Fresh Services Sdn Bhd

Promoter – Part Time

- Proactively engaged with customers, educating them on the importance of water quality and tailoring product recommendations to meet their specific needs.
- Promoting the products to around 20-30 customers daily from house to house.
- Ensured customer satisfaction by addressing inquiries and providing after-sales support.

Sungai Petani, Kedah
Feb 2020 – Mar 2020

The Chicken Rice Shop

Services Crew – Part Time

- Attended to customers' requirements, making sure they had a great eating experience and being polite and quick to respond.
- Optimized workflow during peak business hours by skillfully managing a variety of duties such as serving tables, processing transactions, and taking orders.

Sungai Petani, Kedah
Feb 2022 – Mar 2022

Shopee Express

Warehouse Crew – Part Time

- Ensured efficient handling of inventory by accurately receiving, organizing, and labeling stock to maintain a well-organized warehouse.
- Streamlined operations during high-demand periods by effectively managing multiple tasks, including sorting, packing, and preparing orders for shipment.

Serdang, Selangor
Nov 2023 – Dec 2023

PROJECTS

FOOD ORDERING APPLICATION

Sep 2022

- Designed and developed a desktop food ordering application using JavaFX.
- Enabled users to browse restaurant menus, customize orders, and track delivery status in a seamless desktop interface.

EMPLOYEE MANAGEMENT SYSTEM

May 2023

- Developed a web-based Employee Management System (EMS) application using Spring Boot and Java for streamlined HR operations.
- Delivered a fully functional Employee Management System, enhancing HR workflows by centralizing employee data, reducing manual tasks, and supporting real-time data updates for accurate records.
- Conducted thorough testing using Docker, enabling a virtualized MySQL database environment for data validation, consistency checks, and performance testing.

WATER LEVEL MONITORING AT RESERVOIR

Feb 2024

- Designed and implemented an IoT-based water level monitoring system for reservoirs, using Arduino and sensors for real-time data collection.
- Utilized PuTTY for secure SSH access and system configuration, ensuring reliable communication between sensors and the central server.
- Set up Node-RED to process and visualize water level data, triggering automatic alerts when levels exceed predefined thresholds.

UI/UX HALAL FOOD SCANNER APP DESIGN

Mar 2024

- Designed and developed a mobile application using Figma to scan and verify halal status of food items in real-time
- Applied a user-friendly interface and optimized UX flow for seamless scanning and verification experience

NASI KANDAR FOOD ORDERING APP

Mar 2024

- Designed and developed a mobile application using Flutter for ordering Nasi Kandar dishes with a focus on the authentic Malaysian experience.
- Implemented an intuitive, user-friendly interface and optimized UX flow for seamless browsing, ordering, and checkout.

FAKE NEWS DETECTION SYSTEM

Apr 2024

- Developed a machine learning-based web application to detect and flag fake news articles in real-time, addressing the spread of misinformation on internet.
- Applied Convolutional Neural Networks (CNNs) to extract deep textual features and identify patterns indicative of fake news.
- Conducted rigorous testing on real-world datasets, achieving reliable performance metrics (precision, recall, F1-score)

LEADERSHIP EXPERIENCE

COMPUTER SCIENCE CLUB

Committee Member

Oct 2022 – Oct 2024

- Organized peer-led study sessions and academic workshops to assist members with coursework and foundational CS concepts, fostering a supportive learning community.
- Supported club growth by recruiting new members, managing outreach efforts, and promoting events through social media and campus networks.

COMPUTER SECURITY TALK (SULAM Project)

Facilitators Committee

July 2023

- Coordinates the schedule and logistics for educational sessions, workshops, or activities, ensuring each one starts and ends on time.
- Actively engages with participants, encouraging interaction, answering questions, and adapting content based on participant responses.

GOOGLE DEVELOPER STUDENT CLUB

Web Developer Team

Sep 2023 – Sep 2024

- Organized and participated in workshops, hackathons, and tech talks to promote knowledge sharing and practical application of programming and development skills.
- Contributed to club projects by assisting with code reviews and debugging ensuring high-quality deliverables.

SKILLS AND ACHIEVEMENTS

Programming Languages: Basic in C++, SQL, JavaScript, HTML, CSS, Dart, Kotlin; Intermediate in Java, Python

Frameworks: Basic in React, Flutter, Spring Boot; Intermediate in PyTorch, Scikit-learn, TensorFlow

Languages: Fluent in English and Malay

Certifications: Best Idea Project for IEEE CTSoc Malaysia Sustainable IoT Mini Project