

MUHAMMAD SUFI HAIKAL BIN SAIFUZBAHARI

DATABASE MANAGEMENT UNDERGRADUATE



CONTACT

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PROFILE SUMMARY

Motivated and hardworking database management student seeking an internship opportunity to apply my skills in database administration, web development, and programming while gaining hands-on industry experience.

EDUCATION

2016 - 2021

SMK SERI BERA

- 8A 2B 1C

2021 - 2022

KOLEJ MATRIKULASI KEDAH

- Physical Science
- GPA: 3.81/ 4.0

2022 - PRESENT

UNIVERSITI TEKNIKAL MALAYSIA
MELAKA

- Bachelor of Computer Science
(Database Management) with
Honours
- CGPA: 3.81 / 4.0

SOFT SKILLS

- Adaptability and flexibility
- Strong teamwork and collaboration skills
- Dedicated and hardworking
- Passion for exploring new technologies and innovations

LANGUAGES

- Malay : Native
- English : Fluent

PROJECT

University Healthcare system

2023

- Healthcare system for university usage to track student with disease.
- Simple c++ programming language coding project with command prompt as the user interface.
- Implementation of OOP structure.

Crowdfunding Concert Ticketing System

2024

- A group project to develop a web-based system for ticket concert purchase and ticket management.
- Involved integration multiple databases which are MySQL, PostgreSQL, Oracle and Microsoft SQL Server.
- Using ZeroTier VPN in order to ensure 4 devices on the same network
- Including backup and recovery for each database.

MyJPN with API Integration

2025

- Use 3 tier of architecture comprising frontend(ReactJS), backend(NodeJS) and database(Oracle19c).
- Development is on Window localhost while production deployment uses Azure Virtual Machine.
- Backend developed RESTful API where it will be used as middleware between database and frontend. It also provide API for external organization through DNS-linked endpoint.
- Usage of HTTPS protocol when providing API to external system secured by Let's Encrypt SSL Certificate.
- Integrates external API from Geocode and OpenStreetMap to enhance address related functionality within the MyJPN.

TECHNICAL SKILL

Programming Language :

- C++ Intermediate
- Java Basic
- HTML Intermediate
- PHP Basic
- SQL Advance
- PL/SQL Advance
- Nodejs Intermediate
- Reactjs Intermediate

Relational Database Management System(RDBMS)/ Databases :

- Oracle
- PostgreSQL
- MariaDB
- Supabase

Version Control & DevOps :

- Git
- Github
- WinSCP
- Putty

Cloud & Virtualization:

- Microsoft Azure
- Oracle Virtual Box

Design & Presentation Tools:

- Draw.io
- Canva
- Microsoft Powerpoint
- Wondershare Filmora

Backend & API Tools:

- RestFul API(self-development)
- Postman

REFERENCES

1. Ts. Rosleen Abd. Samad

Senior Lecturer / Academic Advisor
E-mail : rosleen@utem.edu.my
Phone : 013-621 7911

2. Muhammad Shah Izlan Bin Ismail

Chief Technical Officer
ANSI System SDN BHD
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Phone : 0 11-3702 8924

INVOLVEMENT

1. DBWizard (2023)

Participate in national level database competition

2. Hackathon (2023)

Participate in national level app development competition
conduct by Universiti Malaysia Pahang and Petakom