



FAIZATUL FITRI BIN BOESTAMAM

Aspiring Data Analyst with Professional Experience in Database Administration and System Design

First-Class Hon | Database Admin | Data Analyst | Scrum Practitioner



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My Portfolio

EDUCATION

- Bachelor in Computer Science with Honours (Software Engineering)** **CGPA: 3.89** **10/2020 - 7/2024**
- Institution:** Universiti Malaysia Sarawak. Kota Samarahan, Malaysia.
 - Scholarship:** Yayasan Sarawak Tun Taib Scholarship (BYSTT) Recipient.
 - Publication:** “*Enhancing IIoT Security: AI-Driven Blockchain-Based Authentication Scheme*” in International Journal of Computer Science & Technology (2024).

EXPERIENCE

- Maxvec Sdn. Bhd. , IT Dept.** **Kuala Lumpur, Malaysia**
Protege’ Database Administrator, Ministry of Defence IT Contract **2/2025 - Present**
- Acted as the **sole on-site DBA** supporting **12+ mission-critical systems**; contributed to database design, implementation planning, and technical support during development and maintenance.
 - Led requirement gathering** and project presentations with stakeholders from various military units, departments, and branches as the technical point of contact.
 - Designed ERDs, DFDs**, and system workflows using draw.io, and documented system specifications (SRS, database design docs) using Microsoft Word and Excel.
 - Conducted ETL** from legacy systems, performed data cleanup, validation and mapping, and assisted in resolving database-related issues such as data inconsistencies and workflow errors.
 - Developed** inventory management systems **database** for SPAKE and FMS projects and **created** low-fidelity **UI/UX prototypes** using Figma to support system logic and guide front-end development
- Sarawak Energy Berhad (SEB), ICT Dept., Enterprise Portfolio Div.** **Kuching, Malaysia**
OutSystems Developer, Internship Trainee **2/2023 - 8/2023**
- Collaborated** and **coordinated** with senior developers to **develop, test, & maintain 12** advanced internal management systems on the OutSystems, digitizing workflows across **10 departments** and **10 branches** to **improve** operational efficiency and communication
 - Developed** a tool and budget acquisition system and debugged 11 management systems such as Project Delivery Management System.
 - Streamlined manual processes** by transitioning to automated online workflows through database manipulation, testing, debugging, and reporting, reducing operational delays and enhancing system reliability.

PROJECTS

- University Malaysia Sarawak, Coursework Project** **Kota Samarahan, Malaysia**
IoT Developer, FYP **10/2023 - /7/2024**
- Built** an Automated Height Adjusting Roadside Wind Turbine using IoT with **circuit design & network configuration**, controllable and monitored via **mobile application** (Blynk IoT), promoting **SDG Goal 7** in highly populated areas
- Lead Test and IT Support , UAGMS** **10/2022 -1/2023**
- Led** testing efforts, including creating **test strategies**, back-end dev, **debugging** code, and **documenting** testing processes and project requirements (Software Design Requirements and Specifications) for a **PHP-MySQL web application** designed to help gym owners efficiently manage fitness centers, memberships, and fitness programs.

CERTIFICATION & SKILLS

Certifications:

- CompTIA Cloud Essentials+ (2024)
- Alibaba ACP Cloud Computing Certified Associate (2024)
- Google Professional Certificate (2024): Data Analytics | Cybersecurity | IT Support
- Scrum Fundamentals (2024)
- RapidMiner Professional (2023): Machine Learning | Data Engineering | Application & Use Case

Technical Skills

- | | | | |
|----------------------------|---|-----------------------------------|----------------------|
| • Databases Tech | : | MySQL/MariaDB (PhpmyAdmin/DBever) | PostgreSQL (pgAdmin) |
| | | Oracle (SQL Dev) | MongoDB (Compass) |
| • Data Analytics & Visual | : | Power BI | Tableau |
| | | | RapidMiner |
| • Programming Language | : | SQL | R |
| | | HTML & CSS | PHP |
| | | | Python |
| | | | JavaScript |
| • Development Platform | : | Arduino IDE | Laravel |
| | | Android Studio | OutSystems |
| | | | Wordpress |
| • Prototype & UI/UX Design | : | Adobe XD | Figma |
| | | | |
| • Office & Documentation | : | Microsoft Office | Canva |
| | | | Draw.io |

Soft Skills: Leadership, Communication, Teamwork, Adaptability, Flexibility, Conflict Management, Problem Solving, Decision Maker, Continuous Learning, Commitment to Excellence

Language : Bahasa Malaysia (Native) English (Proficient)

CO-CURRICULAR

AI Education in Malaysia: Talk & Tour Series by Telebort 8/2024

Expert Speaker

- **Engaged** 500 students through a dynamic school presentation, introducing and inspiring interest in AI.

PETRONAS BeDigital Bootcamp Cohort #8 7/2024 - 8/2024

Team Leader

- **Led** a team through an intensive two-week program, focusing on AI, Cybersecurity, Cloud and Social Enterprise.
- **Coordinated** hands-on activities and **spearheaded** projects, including **Shark Tank-style** presentations, fostering innovation and teamwork.

Final Year Project Symposium, FCSIT 5/2024 - 7/2024

Vice head of Discipline and Protocol Unit (DisPro)

- **Coordinate** with Head of DisPro writing reports, **oversaw** the examination process over two days, guiding examiners, **resolving** student issues, and ensuring smooth protocol for VIP guests.

Unit Surau College Rafflesia 10/2022 - 2/2023

Deputy Secretary

- **Documented** and compiled monthly reports on religious activities within the college. **Advice** the leadership in planning and documenting programs, ensuring accurate record-keeping and effective execution.

REFERENCE

Dzulfikar Kamal bin Kamarudin

Project Manager

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