



Muhammad Adam Farhan Bin Roshasnizam

Data & Business Analyst | Frontend Developer | Business Computing Graduate

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Kuantan, Pahang

SUMMARY

Business Computing graduate with hands-on experience translating stakeholder requirements into working data and business solutions. Designed a star schema data model in Power BI (12,398 service records, 10-dimension tables) and built a 7-page interactive dashboard used by 46 Pahang state agencies to track government digitization progress work that involved direct requirements gathering with stakeholders, data validation, and end-to-end delivery. Comfortable across the analyst lifecycle: process understanding, documentation, and dashboard/report building, paired with frontend development skills (HTML, JavaScript, PHP, Bootstrap, Tailwind CSS, Angular) built through multiple academic and workplace projects.

EDUCATION

Universiti Teknologi MARA (UiTM) Raub

(Oct 2021 - Mac 2024)

Diploma In Computer Science (CS110), MUET Band 3.5

Related Coursework: Data Structures, Database Management, Python Language,
Data and Communication and Networking, Computer Security and Programming Paradigms

Universiti Teknologi MARA (UiTM) Kuala Terengganu

(Mac 2024 – Completed July 2026)

Bachelor Of Information Systems (Hons.) Business Computing (CS264): CGPA 3.54

Related Coursework: E-Commerce Application Development, Enterprise Information Systems,
Object Oriented Programming, Human Computer Interaction, Database Management Systems,
Data Mining, Business Intelligence and Reporting Techniques

WORK EXPERIENCE

AF Computer Centre Sdn Bhd

(Sept 2023 - Mac 2024)

Data Entry and Mobile App Developer

- Developed performed accurate and efficient data entry to maintain organized, up-to-date, and error-free company records.
- Designed and developed a mobile application to support the company's business operations, integrating essential e-commerce features to enhance customer engagement and convenience.

Pejabat Setiausaha Kerajaan Negeri Pahang

(Mac 2026 - July 2026)

Data Analyst

- Designed and implemented a star schema data model in Power BI comprising 10-dimension tables with 12,398 service records, performing end-to-end data transformation using Power Query including data cleansing, null value handling, and foreign key generation.
- Developed 30+ DAX measures and built a 7-page interactive dashboard to visualize E2E digitization performance across 46 Pahang state agencies, enabling stakeholders to monitor and analyze government service delivery progress.

Mobile App Developer

- Designed and developed the MMK Digital E-Book mobile application using Flutter, enabling government staff to access official digital publications seamlessly on mobile devices.
- Implemented key features including interactive PDF viewer with smooth page-flip navigation, full-text search, and an annotation tool allowing users to write and save notes directly on document pages.

System Analyst - e-Lokal Pahang

- Led end-to-end requirements gathering and process mapping for the Local Government Division (Bahagian Kerajaan Tempatan - BKT), translating complex administrative workflows across 5 core operational modules into structured Data Flow Diagrams (DFD) and Entity-Relationship Diagrams (ERD).

LEADERSHIPS EXPERIENCE

UiTM Raub English Club as Secretary 1

(Mac 2022 - Feb 2023)

- Managed core administrative responsibilities, including documentation, event correspondence, and official club reporting across all club initiatives.
- Maintained organized meeting minutes, event schedules, and activity tracking to streamline club operations throughout the academic year.

Webinar: General Information System in the Oil and Gas Industry, Head of Programme

(Mac 2024 - June 2024)

- Led the planning and execution of the webinar, ensuring seamless coordination between speakers, participants, and technical teams.
- Demonstrated strong leadership and organizational skills by managing event logistics, scheduling, and participant engagement.

Sulam Hack the Future 3.0, Head of Programme

(Oct 2025 - Jan 2026)

- Led the planning and execution of a community-based technology program aimed at increasing digital literacy and interest in Computer Science among secondary school students.
- Managed the program budget and administrative requirements to support the SULAM initiative and strengthen the relationship between the university and the local community.

PARTICIPATIONS & CERTIFICATIONS

• Angular Workshop: Building Dynamic Web Apps with Precision	2024
• Certification of Microsoft – Data Analyst Career Path & Power BI	2025
• Certification of HP Life – Digital Business Skills courses	2025
• Certification of HRD Corp e-LATIH – Powerful Data Analysis and Data Modeling in Excel	2025
• Scopus AI: Mastering Literature Search	2025
• Ministry of Digital – Cloud untuk Rakyat & Introduction to Generative AI	2025
• MyDIGITAL/AIForMyFuture/Microsoft – AI Safety and AI Fluency	2025
• Ministry of Digital – Blockchain Untuk Rakyat & CyberSAFE Untuk Rakyat	2025
• Computer and Mathematical Sciences Project Exhibition (COMMAX) (Committee)	2025
• The Marvels of AI Journey – Hands-On Learning to Complete Final Year Project & Boost Industry Readiness	2025
• UiTM Workshop: Visualizing The Future: A Beginner's Guide to Power Bi	2025

PROJECTS

Sensor for the flash flood detection system (2021)

- Developed using C++ language for the Fundamental of Algorithm and Computer Problem Solving course.

Hardware Store System (2022)

- Developed using Java language for the Object-Oriented Programming course.

Phishing attack using Kali Linux (2023)

- Developed and tested a phishing simulation using Kali Linux for the Introduction of Computer Security.

Audit IT for IT Assets Management at UiTMCTKKT (2024)

- Develop Developed using ACL Desktop Education Edition for the Information System Auditing & Assurance course.

Student Registration Systems (2024)

- Develop a database using Oracle for students of UiTM Kuala Terengganu for the Database Management System course.

AsiaMade Hotel Complaint Management System (2025)

- Developed using PHP, JavaScript, HTML, CSS and PhpMyAdmin for the Information Systems Engineering course.

Pantun Game Website (2025)

- Developed using PHP, JavaScript, HTML, CSS and PhpMyAdmin for the Human Computer Interaction course.

Hijrah Walid Mobile App (2025)

- Developed using Figma and Flutter for the Computing Project Management course.

In Vehicle Coupon Recommendation Using J48 Algorithm (2025)

- Develop a classification model using Weka for the Data Mining course.

E-Commerce website for Warong Anak Mie (2025)

- Developed using Shopify for the Electronic Commerce Application Development course.

The Development of UiTMart: A Multi-Vendor Online Ordering Platform for UiTMCTKKT (2025)

- Developed using PHP, JavaScript, HTML, CSS and PhpMyAdmin for my Final Year Project.

Dashboard End-to-End Services Negeri Pahang (2026)

- Developed using PowerBi for Pejabat Setiausaha Kerajaan Negeri Pahang.

E-MMK Digital Document Mobile App (2026)

- Developed using Flutter and MySQL for Pejabat Setiausaha Kerajaan Negeri Pahang.

SKILLS

Technical Proficiency:

- **Programming Languages:** Python, C++, Java
- **Web Development:** HTML, JavaScript, PHP, Bootstrap, Tailwind CSS, Angular, Laravel
- **Mobile App Development:** Flutterflow, Flutter
- **Database Management:** SQL (queries, joins, data cleansing), MySQL, Oracle, PostgreSQL
- **Data Analytics Tools:** Power BI, Weka, RapidMiner,
- **Version Control:** GitHub

Language Proficiency:

Malay (Native), English (Fluent)

REFERENCES

SITI NUR HAYATIE BINTI ISHAK

Lecturer/ Supervisor
UiTM
Kuala Terengganu Campus
Tel: 0183204742
Email: sitinurul@uitm.edu.my

PUAN SITI MAISARAH BINTI ROSMAN

Supervisor
Penolong Setiausaha Kanan (Aplikasi 1)
Pejabat Setiausaha Kerajaan Negeri Pahang
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