



MUHAMMAD AFIQ BIN ZAKARIA

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🌐 Muhammad Afiq bin Zakaria 🔗 muhammadafiqzakariaa

CAREER OBJECTIVE

A final-year Computer Science student majoring in Data Analytics at Universiti Teknologi PETRONAS (UTP), graduating in December 2025. **Seeking full-time employment starting January 2026** in data analytics, software engineering, data management, or other related fields. Highly motivated to contribute to innovative teams, enhance my technical expertise, and deliver impactful solutions while continuing to grow as a professional in the industry.

TECHNICAL SKILLS

Python Intermediate	C++ Intermediate	Java Intermediate	SQL Basic
Microsoft Excel Advance	Microsoft Power Bi Intermediate	Android Studio Intermediate	Flutter Intermediate

EDUCATION

Bachelor of Computer Science (Hons) Universiti Teknologi PETRONAS <ul style="list-style-type: none">• TESP Scholarship holder• Dean List award in January 2023 semester• CGPA: 3.33	2022 – present Seri Iskandar, Malaysia
Foundation in Computer Science Universiti Teknologi PETRONAS <ul style="list-style-type: none">• YT-TAZU Scholarship holder• CGPA: 3.20	2021 – 2022 Seri Iskandar, Malaysia

EXPERIENCE

PETRONAS Carigali (PMA) Intern <ul style="list-style-type: none">• Supported the Industrial Hygiene team by managing compliance tracking for regulatory training and certifications across multiple locations.• Designed and developed an interactive Power BI dashboard to monitor the status and validity of training records, with KPI integration to track overdue items.• Automated manual data processes using Power Automate, improving efficiency and reducing tracking errors.	May 2024 – Dec 2024 Kerteh, Malaysia
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PROJECTS AND ACHIEVEMENTS

Final Year Project Easy Parcel: IoT-Based Parcel Storage System for University Villages <ul style="list-style-type: none">• Developed a decentralized smart parcel locker system for university residential villages to reduce reliance on the central ParcelHub.• Integrated the system with a mobile application to enable:<ul style="list-style-type: none">• OTP-based secure access• Barcode scanning for authentication• Delivery and collection timestamp tracking	May 2025 – Present
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- User identification and verification
- Visual log recording for security

COSafer: Technopreneurship Team Project

Jan 2025 – Apr 2025

Position: Chief Financial Officer (CFO)

- Led the financial planning and budgeting for COSafer, a smart Carbon Monoxide (CO) detection device integrated with a mobile application to car safety.
- Invented and developed a working prototype of the CO detector using Arduino, integrated with sensors and real-time mobile app alerts via Bluetooth/Wi-Fi.
- Conducted cost analysis and created a detailed pricing model to ensure financial feasibility and market competitiveness.

MPU4: Collaborating with FPT University, Vietnam

Jan 2024

Position: Secretary

- Conducted STEM activities with **30 FPT high school students**.
- Taught the concept of IoT using Arduino Uno R3 to participants.
- Gained experience in interacting and communicating with international partners of UTP.

STEM project and food distribution

May 2023 – Jul 2023

Position: HOD Logistics and Technical

- Organizing department team in solving tasks.
- Provide STEM activities to 71 SK Seri Serdang students.

OH MY CODE Programming Competition

May 2022 – Aug 2022

- Created a travel app using Visual Basic.
- Designed the GUI and implemented backend functionality with Python.
- Presented to internal and external examiners, earning a **Gold Award**.

EXTRA-CURRICULARS

UTP Basketball Team

2022 – Present

Player

- Participated in many tournaments inside and outside the university.
- UTP Super Sport 2023 (**Champion**).
- Non-Chinese Basketball Open 2023 (**1st Runner Up**).
- SportTech 2022 (**Champion**).

SKILLS

Computer Literacy

Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Power Automate, CanvaPro, Microsoft Office 365, MATLAB

Soft Skills

Communication, Teamwork, Problem Solving, Leadership, Critical Thinking

LANGUAGES

Malay: Bilingual Proficiency

English: Intermediate Proficiency

REFERENCES

Associate Prof Toni Anwar, Academic Advisor, Department of Computer & Information Science
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En. Mohd Kamal bin Abu Bakar, Manager (IHOH), PETRONAS Carigali (PMA) Sdn. Bhd.
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