



# MUHAMMAD SUFFIAN BIN ABU BAKAR

## Computer Science Intern

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### EXECUTIVE SUMMARY

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Final-year Bachelor of Computer Science (Honours) student with strong expertise in software development, data structures, and system design. Proven ability to design and implement innovative projects such as a fuzzy logic system for government budgeting and a communication-enhancing Android application. Actively seeking an industrial internship to apply technical skills, contribute to impactful real-world solutions, and collaborate with industry professionals to advance career development.

### EDUCATION

#### DIPLOMA OF COMPUTER SCIENCE

Universiti Teknologi MARA (UiTM) Tapah Campus • Tapah Road, Perak • 10/2021 - 03/2024

- CGPA: 3.37

#### BACHELOR OF COMPUTER SCIENCE (HONOURS)

Universiti Teknologi MARA (UiTM) Shah Alam • Shah Alam, Selangor • 03/2024 - Present

- CGPA (Latest): 3.28

### WORK EXPERIENCE

#### CANTEEN WORKER

SMK Taman Desa, Rawang • Rawang, Selangor • 08/2022

- Greeted and served students from Monday to Friday.
- Operated the food station, prepared daily menu items, and maintained a clean and hygienic workspace.
- Managed raw ingredient inventory and stock levels to ensure daily operational readiness.

### LICENCES & CERTIFICATION

#### ARTIFICIAL INTELLIGENCE FUNDAMENTALS

- Issued by IBM • 05/2025

### SKILLS

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- **PROGRAMMING LANGUAGE:** C++, Java, Python, PHP, JavaScript
  - **WEB DEVELOPMENT:** HTML, CSS, XML, JSP
  - **MOBILE DEVELOPMENT:** Android Studio (Java, XML)
  - **DATABASE:** MySQL, Oracle
  - **TOOLS:** Visual Studio Code, Figma, Canva, Microsoft Office, Microsoft Excel
  - **SOFT SKILLS:** Collaborative teamwork, Effective communication, Problem Solving, Time management

### PROJECTS

#### E-GOVERNMENT FRAMEWORK FOR BUDGETING USING FUZZY RULES (FINAL YEAR PROJECT)

- 05/2025 - Present • Tool / Programming Language: PHP, MYSQL, Visual Studio Code
- Designed and implemented a fuzzy logic system to assist in government budgeting aid distribution decision-making.

#### RAKANKU

- 05/2025 - 07/2025 • Tool / Programming Language: Android Studio, Java, xml
- Collaborated to develop an Android 'Buddy Application' with integrated WhatsApp for automated greetings based on the requirement of CC577 (Android Programming) group project assignment

## **PERSONAL APPLICATION**

- 05/2025 - 06/2025 • Tool/Programming: Android Studio, Java, xml
- Developed a multi-screen personal portfolio Android app as part of my CSC557 (Android Programming) individual project assignment

## **ECOTECH**

- 10/2024 - 01/2025 • Tool / Programming Language: Java, .jsp, .xml, CSS, Visual Studio Code
- Contributed to the development of a sustainability management system promoting sustainability through technology-driven solutions that used for CSC577 (Software Engineering) group project assignment.

## **LANGUAGE**

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- Malay (Fluent)
- English (Proficient)
- Chinese (Proficient)
- Arab (Basic)

## **LEADERSHIP & EXTRACURRICULAR ACTIVITIES**

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### **PERSATUAN DIPLOMA SAINS KOMPUTER, UiTM TAPAH, PERAK**

Career Exco For Session 2022/2023 • Tapah Road, Perak • 06/2021 - 12/2022

- Responsible in managing several programs organized by Persatuan Diploma Sains Komputer (DiSK), UiTM Tapah

### **JAWATANKUASA PERWAKILAN KOLEJ (JPK) KOLEJ DELIMA, UiTM SHAH ALAM**

Secretariat Of Treasurer For Session 2024/2025 • Shah Alam, Selangor • 05/2024 - 01/2025

- Orchestrated the end-to-end management of diverse student events for JPK Kolej Delima, overseeing logistics, protocol, and participant flow.

## **VOLUNTEERING**

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### **BRIGED SUKARELAWAN UiTM SHAH ALAM**

Program 'BEST' Wilayah Persekutuan • Setapak, Kuala Lumpur • 01/2025

- Executed a comprehensive sanitation project, significantly improving the aesthetic and safety of communal spaces.

### **BRIGED SUKARELAWAN UiTM SHAH ALAM**

Festival Of Ideas (FOI) Selangor, UiTM Shah Alam • Shah Alam, Selangor • 10/2025

- Facilitated the main lucky draw session, managing prize distribution and engaging directly with festival attendees to ensure a lively event.

### **FACULTY OF COMPUTER AND MATHEMATICAL SCIENCE, UiTM SHAH ALAM**

SULAM Community Project: The "Cyber-Etiquette" Program • Klang, Selangor • 11/2025

- Spearheaded fundraising initiatives and cultivated strategic partnerships with sponsors, securing necessary funding for the 'Cyber-Etiquette' community outreach program.

## **REFERENCES**

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### **DR. TAJUL ROSLI RAZAK**

Senior Lecturer, Faculty of Computer and Mathematical Sciences,  
Universiti Teknologi MARA (UiTM),  
Shah Alam, Selangor.

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### **DR. NORZILAH MUSA**

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### **HADIJAH MOHAMED YUSOFF**

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