



## NABIL AFLAH BOO BINTI MOHD YOSUF BOO YONG CHONG

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### SUMMARY

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A Computer Science student at UTM with hands-on experience in system development, database design, and data management through academic projects. Proficient in SQL and Python, and web-based application development using modern frameworks and technologies. Seeking a **12-month internship placement** from **October 2026 to October 2027**, preferably in **Data Analytics, Data Engineering, or Business Intelligence**, to apply analytical and technical skills in solving real-world data problems while contributing to organizational insights and decision-making.

### EDUCATION

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**Bachelor of Computer Science (Data Engineering) with Honours** **Oct 2023 - Present**

*Universiti Teknologi Malaysia (UTM), Skudai, Johor | CGPA: 3.73, Semester 6/8*

- Relevant Coursework: Data Analysis Programming, Data Mining, Database Programming, Software Development Technology, and Enterprise System Design & Modeling

### ACADEMIC PROJECTS

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**UTHM Enterprise Architecture Design Project (Team of 8)** **Dec 2025 - Jan 2026**

- Analyzed current business processes and developed As-Is and To-Be enterprise architecture models to recommend system improvements and align business strategy with IT infrastructure improvements.

**UTHM Hostel Management System Project:** **Dec 2025 - Jan 2026**

*Violation and Disciplinary Log Subsystem (Individual Project)*

- Created system models including Use Case Diagram, Sequence Diagram, Activity Diagram, and ERD to support system design and analysis.
- Designed system interface prototype using SAP Build to enhance user interaction and system visualization.

**Court Booking System Project (Team of 4)** **Jan 2026**

- Developed a MongoDB based court booking system using NoSQL document modeling, applying advanced query techniques such as CRUD, sorting, filtering, and projections to enhance data retrieval performance.

**KADA Cooperative System Project (Team of 4)** **Oct 2024 - Feb 2025**

- Developed a cooperative management system using MVC framework to structure application logic and improve maintainability.
- Applied Agile methodology to collaborate with team members and align system development with client requirements.

**Course Registration System (Individual Project)** **Oct 2024 - Jan 2025**

- Developed a user-friendly course registration system using PHP, HTML, CSS, and SQL, enabling students, lecturers, and administrators to manage course enrollment efficiently.

### CERTIFICATIONS / LICENCES

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- **Microsoft Certified:** Azure Data Fundamentals
- **ASEAN Data Science Explorer 2024** - Participant
- **SAP** - Executing Basic ERP Processes with SAP S/4HANA

## LANGUAGES

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- English - Proficient (Written & Spoken)
- Bahasa Melayu - Native (Fluent)
- Mandarin - Native (Fluent)

## TECHNICAL SKILLS

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- **Languages:** Python (Data Analysis), C++, JavaScript (OOP Concepts)
- **Database:** SQL, Database Design
- **Data Analytics & Visualization:** Data Cleaning, Data Processing, Tableau Dashboard Development
- **Programming Concepts:** Object-Oriented Programming, Data Structures & Algorithms
- **Tools:** GitHub, VS Code, MongoDB, Jupyter Notebook

## LEADERSHIP & CLUB ACTIVITIES

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### **Religious Committee Member - College Student Committee of Kolej Tun Dr. Ismail (JKP KTDI)** (2025/2026)

- Assisted in organizing and supporting religious programs to promote spiritual engagement within college community.

### **Multimedia Unit - Pontianak Odyssey Voyage 2026 (POV'26), Indonesia** (Dec 2025 - May 2026)

- Managed multimedia content to support program promotion and event documentation.

### **Multimedia Committee Member - College Student Committee of Kolej Tun Dr. Ismail (JKP KTDI)** (2024/2025)

- Produced multimedia content and managed digital platforms to support college events and enhance student engagement.

### **PIC of Community - Soul of Siam & Champa 2025 (SOSCA'25), Thailand & Cambodia**

(Oct 2024 - June 2025)

- Coordinated community engagement and established collaborations with local institutions and Malay communities in Thailand & Cambodia to support cross-cultural exchange initiatives.
- Managed direct communication with school and villagers to facilitate program activities in Bang Pho Village and Chroy Metrey Village.

## ACHIEVEMENTS

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### **Dean's List Award**

- Semester 1-3 and Semester 5

### **One-Off Scholarship - Tabung Endowmen Fakulti Komputeran (TEFC)**

- Awarded RM500 for academic excellent and performance.

## REFERENCES

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Dr. XXX

Jawatan, Department XXX

Faculty of Computing, UTM

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