



## MOHAMAD AFIQ HAIKAL BIN ZAIHAN

BACHELOR OF COMPUTER SCIENCE(HONS) NETCENTRIC  
COMPUTING

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### EDUCATION

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#### **BACHELOR OF COMPUTER SCIENCE(HONS) NETCENTRIC (2022 - Present)**

Institute : MARA University of Technology (UiTM)

CGPA : 2.97

#### **KELANTAN MATRICULATION COLLEGE (2021 - 2022)**

- Field Of Study : Foundation in Science Physical (Module 2)
- CGPA : 3.33
- MUET : Band 3.5

### ACADEMIC PROJECTS

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#### **Final Year Project: CollabCanvas A Web-Based Collaborative Image Editing Platform For Community Driven, Real-Time Learning and Assistance**

- Developed a collaborative image editing platform: a full-stack web app using React.js and Supabase that enables multiple users to edit images simultaneously in real time
- Integrated key APIs for advanced functionality: Utilized the Cloudinary API for image manipulation, the Agora API for real-time voice chat, and Supabase Realtime for real-time collaboration and user authentication, creating a comprehensive and interactive platform
- Managed a PostgreSQL database: Designed and maintained a Supabase database to store and secure user and project data, incorporating a conflict resolution system to ensure data integrity during concurrent editing.

#### **Back-End Technology Final Group Project: Smart Attendance System Using Telegram Bot API**

- Developed a smart attendance system: Engineered a web-based platform using the Laravel framework to streamline attendance tracking for educational institutions
- Integrated key APIs for efficiency: Utilized a Telegram Bot to provide real-time notifications to lecturers when a student scans a QR code
- Designed comprehensive features: The system includes a secure, time-sensitive QR code generation system for lecturers and provides students with a user-friendly interface to manage attendance. It also offers attendance analytics, report generation in PDF format, and a dedicated admin panel for users.

### SKILLS

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- Programming & Scripting: HTML, CSS, JavaScript, C++, Java
- Frameworks & Libraries: Next.js, Laravel, Flutter, Node.js
- Database Management: PostgreSQL, MySQL, Supabase
- APIs & Tools: REST API Integration, Git

### REFERENCES

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#### **ALBIN LEMUEL KUSHAN**

Industrial Training Coordinator

UiTM Cawangan Melaka Kampus Jasin

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