

MUHAMMAD IKHWAN BIN OMAR

Kulim, Kedah

2022757961@student.uitm.edu.my | +6018-4633964 | linkedin.com/in/mikhwan01/



SUMMARY

Final-year Bachelor of Information Technology student with a strong academic record (CGPA 3.71) and a passion for creating intuitive user experiences. Proficient in web and mobile development, including both frontend and backend technologies, with expertise in using UI/UX design tools to create user-friendly interfaces. Currently available for an internship from 10 March 2025 to 13 June 2025 and open to opportunities in UI/UX design, software development, and other IT-related fields, with a proactive approach to contributing to impactful projects.

EDUCATION

Bachelor of Information Technology (Hons.)

Universiti Teknologi Mara Kampus Arau, Perlis

CGPA: 3.71

Honors and Awards: Achieved Dean's List recognition for four semesters

Relevant Coursework: Object Oriented Programming, Human Computer Interaction, Database Management System, Enterprise Programming, Web Technology and Application, E-Commerce Technology, Mobile Technology and Development, and Computing Project Management.

Expected Graduation Date: Jun 2025

Physical Sciences (Two-Semester System)

Perak Matriculation College, Gopeng, Perak

CGPA: 3.08

May 2019 – May 2020

Sijil Pelajaran Malaysia (SPM)

Sekolah Menengah Dato' Haji Hussein, Selama, Perak

Grade: 4A 1A- 2B 2C+

Jan 2014 – Dec 2018

COMPUTING SKILLS

- **Key Areas of Interest:** UI/UX Design
- **Programming/Scripting Languages:** PHP (Intermediate), JavaScript (Intermediate), HTML5 (Intermediate), CSS3 (Intermediate), Java (Intermediate), C++ (Intermediate), JSP (Intermediate), Python (Beginner), SQL (Intermediate)
- **Frameworks and Tools:** Bootstrap (Intermediate), CodeIgniter 4 (Intermediate), Android Studio (Intermediate)
- **Database:** MySQL (Intermediate)
- **Design and Visualization Tools:** Canva (Intermediate), Figma (Intermediate)

PROJECTS

AWS Clinic Management System

Clinic management system to streamline daily operations, developed as a group project for Enterprise Programming course.

Programming Languages / Technologies: HTML5, Java, JavaScript, Java Server Page (JSP), CSS3, MySQL

- Designed and implemented a clinic management system for administrators.
- Developed CRUD functionality to assist staff in managing appointments efficiently.
- Designed user interface decently to enhance the user experience.

Aztez Gaming Peripherals Store

E-commerce platform for gaming devices, developed as a group project for Web Technology and Application course.

Programming Languages / Technologies: PHP, HTML5, JavaScript, CSS3, MySQL

- Developed the user interface to provide a seamless shopping experience.
- Implemented CRUD operations to manage interactions between the front end, server, and database.
- Deployed the system using third-party hosting services.

Petron Selinsing Job Application Form

Digital application form developed as individual assignment for Web Technology and Application course.

Programming Languages / Technologies: PHP, HTML5, JavaScript, CSS3

- Designed and developed an intuitive user interface with a strong focus on ease of use and accessibility.
- Implemented step-by-step forms to streamline and organize the user application process effectively.
- Applied UI/UX principles to ensure seamless and satisfying user experience, prioritizing functionality and user engagement.

WattTracker: An Electric Bills Calculator

An android mobile application, function to calculate charge based on usage, developed as an individual assignment for Mobile Technology and Development course.

Programming Languages / Technologies: Java, Android Studio

- Designed the application to be visually appealing and engaging for users while maintaining full functionality and usability.

WatchAR: An Online Watch Shop with AR Technology (FYP)

A cutting-edge e-commerce website developed as a final-year project, leveraging AR technology to revolutionize the online shopping experience for watches.

Programming Languages / Technologies: CodeIgniter 4, PHP, HTML5, CSS3, Bootstrap, JavaScript, Lens Studio, Figma, Blender3D

- Crafted a visually appealing and user-centric design that ensures both functionality and seamless usability.
- Streamlined the buying process to provide customers with a smooth and efficient shopping experience.
- Integrated AR technology to enable immersive product visualization, allowing users to interact with and explore watches in a virtual environment.

LANGUAGES

- Malay (Native)
- English (Fluent)

REFERENCES

Ts. Dr. Norziana Yahya

Final Year Project Supervisor
Faculty of Computer and Mathematical Sciences
Universiti Teknologi Mara Kampus Arau
norzianayahya@uitm.edu.my
+604-988 2154

Dr Siti Zulaiha Ahmad

Head of Centre Studies
Faculty of Computer and Mathematical Sciences
Universiti Teknologi Mara Kampus Arau
sitizulaiha@uitm.edu.my
+604-988 2506/2838