MUHAMMAD HAZIM MUHAMMAD KHAIRI SHAM

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SUMMARY

Analytical and results-driven **computer science student** with hands-on experience in software development, algorithm design, and data structures. Demonstrated proficiency in programming languages and system architecture, complemented by practical application through internships and personal projects. Results-oriented **Freelancer** with **3 years of experience** in tech development. Proven ability to develop and manage a variety of web applications, including e-commerce systems, **machine learning** and **mobile applications**. Skilled in Flutter and Machine Learning. Eager to learn and grow in a fast-paced environment.

WORK EXPERIENCE

Freelance, Remote   **Aug 2022 - Present**

- Created a high-conversion landing page for an air conditioning company• Developed a platform for UITM students to discover and manage volunteer opportunities, fostering community engagement
- Built a volunteer opportunity platform for university students
- Implemented machine learning using OpenCV and YOLO for PCB defect detection
- Designed mobile applications: attendance tracking with QR codes integrated with Firebase authentication and a localized laundry service booking platform utilizing Google Maps API for nearby service discovery

Full Stack Developer, APMLMS SDN BHD   **Oct 2022 - Feb 2023**

- Enhanced user experience by enabling location-based functionalities within the application.
- Implemented a secure registration process using OTP verification.
- Established website traffic tracking and user behavior analysis through integration with these analytics platforms.
- Be a project manager for this system for managing and monitoring security cameras, potentially leveraging internet-of-things (IoT) technologies.
- Streamlined the payment process for users by integrating with secure payment gateway providers.
- Enhanced user experience by enabling users to discover nearby places of interest through Google Maps integration.

Web Developer, Ratawanz Resources   **Mac 2023 - Aug 2023**

- Designed and developed an e-commerce website using Shopify for Ratawanz Resources

Web Developer, Partnership   **Sep 2022 - Oct 2023**

- Collaborated with a partner to design and develop an e-commerce website using the Shopify platform.
- Leveraged your knowledge of Shopify to build a user-friendly and functional online store.

EDUCATION

Bachelor of Science Computer   **Oct 2023 - Present**
University Technology Mara UITM

Diploma in Computer Science   **Oct 2020 - Feb 2023**
University Technology Mara

SKILLS

- **Programming:** Flutter (Advanced), Firebase (Advanced), MySQL (Intermediate), Laravel (Intermediate), HTML/CSS/JS (Advanced), PHP (Intermediate), Python (Intermediate)

- **Technical Skills:** Machine Learning, API Integration, Database Management, Mobile App Development, Web Development

- **Languages:** Native in Malay, Fluent in English, Intermediate in Arabic

REFERENCES

Academic Advisor University Technology Mara
Madam Gloria Tan (012-8582143)

APMLMS Sdn Bhd
En Muhammad Azam (011-25581698)

Ratawanz Resources
En Aiman (016-8080169)

Partnership Business
En Khairul (019-9850684)