MUHAMMAD BIN ISKANDAR

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PROFESSIONAL SUMMARY

Final-year Bachelor of Software Engineering (Hons.) student with strong academic performance and hands-on experience through university projects and extra-curricular activities. Skilled in existing technical skills, problem-solving, learning new skills, and adaptability. Passionate about learning, new environments, solving real-world problems, and contributing to society while gaining practical industry experience. Available for a **14-week internship from 2 March 2027 to 12 June 2027.**

EDUCATION BACKGROUND

Mar 2024 – Present

Bachelor of Software Engineering (Hons.), University of Kuala Lumpur (UniKL)
Malaysian Institute of Information Technology (MIIT) Kampung Baru, Kuala Lumpur

- CGPA: 3.61
- Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Database Management, Web Application Development, Software Engineering, Software Testing, Principles of AI and Software Design and Integration.

Aug 2022 – Feb 2024

German A-Levels Preparation Program (GAPP), German-Malaysian Institute (GMI)
Kajang, Selangor

- Pointer: 9/15
- Relevant Coursework: Intro to Programming, Math, Physics.

ACADEMIC PROJECTS

- Mar 2026 – Present | Intelligent Mobile Health Assistant for Remote Patient Monitoring and Personalized Care with Smartwatch Integration.
- Mar 2026 | AI-Based Cat Breed Classification Using Python and TensorFlow, Comparing ResNet50, DenseNet121, and MobileNetV3Small on 5,000 Images with 96.13% Accuracy.
- Oct 2025 | Cross-Platform Mobile Application Development with Firebase Database Integration.
- Oct 2025 | Independent Research on the Impact of Artificial Intelligence on Software Development, Referencing 21 Academic Articles.
- Jul 2025 | Mobile Application Design for Dyslexia and Learning Differences Support.
- Jul 2025 | Google Project Management Professional Certificate.
- Mar 2025 | Gym Booking Management System with Database and Web-Based Admin Panel (Team of 2).
- Mar 2025 | IEEE-Standard Software Requirements Specification (SRS) Documentation (Individual Project).
- Mar 2025 | Delimiter Matching Implementation Using Existing Application Code (Team of 3).
- Oct 2024 | Comprehensive Software System Planning, Analysis, and Design Documentation (Team of 5).

EXTRA-CURRICULAR ACTIVITIES & CERTIFICATIONS

- March 2025 | Participant, World Engineering Day Hackathon.
- Dec 2025 | Attendee, Google DevFest 2025, 42 Penang.
- Sep 2025 | Google Project Management Professional Certificate.
- July 2025 | 3rd Place, USSC Basketball Tournament.
- Dec 2024 | Attendee, Google DevFest 2024, UniKL.

TECHNICAL SKILLS

- Programming Languages: Python, Java, C++, JavaScript, Dart, R, HTML
- Software & Mobile Development: Flutter, Object-Oriented Programming (OOP), Web Development, UI/UX Design
- Databases & Backend: MySQL, Firebase, Database Management
- Artificial Intelligence: TensorFlow, Deep Learning, Agentic AI, Local AI Development, Prompt Engineering
- Development Tools & Platforms: Linux, Figma
- Software Engineering: Software Requirements Analysis, System Design, Software Testing, Agile Methodologies
- Project Management & Collaboration: Project Planning, Team Collaboration, Technical Documentation
- Productivity & Design: Microsoft Office Suite, Google Workspace, Canva, Adobe Photoshop

LANGUAGES

Malay: Native Proficiency English: C1 Proficiency

REFERENCES

Dr. Megat Norulazmi Megat Mohamed Noor – Academic Advisor, University of Kuala Lumpur
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