

# MUHAMMAD LUQMAN NURHAKIM BIN ROSLI

## AI & Systems Engineering Student

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Tanjung Karang, Selangor

### WORK EXPERIENCE

Freelance AI Developer – Breast Cancer Detection System

May 2025 - Present

- Built a PyTorch-based inference model for detecting breast abnormalities in mammogram images using the Mammo-CLIP architecture.
- Designed a FastAPI backend for CPU-based medical image processing and bounding box annotation.
- Focused on real-world healthcare applications with visual interpretability and performance efficiency.

ASEAN Youth Conference (AYC) – Confirmed Delegate, Kuala Lumpur

Nov 2025

- Selected as 1 of 200 youth leaders across ASEAN to engage with experts, and regional leaders.
- Contributed to dialogues on regional cooperation, digital economic growth, and cultural sustainability under ASEAN’s 2025 Chairmanship.
- Strengthened cross-cultural collaboration and youth participation in shaping ASEAN’s inclusive and sustainable 2045 vision.

MIS Intern – Dagang Net Technologies Sdn Bhd

Sep 2024 - Feb2025

- Provided technical support and troubleshooting for internal staff across the DNeX Group under SLA commitments.
- Supported backend data handling and API testing related to Dagang Net's digital trade platforms (eDeclare, ePermit, DutyNet).
- Gained real-world experience in IT support workflows, enterprise systems, and internal service management.

Collaboration PIC – Japanese Language Society (JLS), UiTM Shah Alam

Aug 2025

- Acted as person-in-charge for JLS x Faculty of Art & Design collaboration activity with Japanese fashion students.
- Coordinated event flow, managed student engagement, and ensured smooth cross-faculty communication.

### KEY SKILLS

**Programming:** Python, JavaScript, FastAPI, PyTorch, Next.js, Supabase, SQL

**AI & Machine Learning:** Image classification, NLP, LLM integration, CPU optimization, Mammo-CLIP

**Tools & Performance:** Git, REST API, OCR, AWS, Supabase

**Soft Skills:** Critical thinking, adaptability, teamwork, problem-solving, leadership

### EDUCATION

**Universiti Teknologi MARA (UiTM)**

Bachelor of Computer Science (Hons.) Intelligent Systems Engineering

- Major in AI & Systems Engineering
- CGPA : 3.52

### CERTIFICATIONS

- WS Certified Cloud Practitioner (2025)
- Microsoft: AI for My Future (2025)
- Scrimba – Full-Stack Course (2024)
- Huawei HCIA-AI (In Porgress, Expected 2025)

### EXTRACURRICULAR ACTIVITIES

- Member, ASEAN Youth Organization (AYO)
- Delegate, ASEAN Youth Conference (AYC) 2025, Kuala Lumpur
- Hackathon (Prosolve, HackAttack 2.0, JomHack 2025)
- AI Debate Participant, AIS Club Shah Alam
- Secretary, Japanese Language Society (JLS)
- UiTM Tennis Team Player