

Luqman Bin Mohd Hussin

Diploma In Digital Technology

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EDUCATION

Politeknik Muadzam Shah

Diploma in Digital Technology

Muadzam Shah, Pahang

Expected June 2026

- Major in Computer Networking
- Cumulative GPA: 3.92
- Relevant Coursework: Networking Fundamentals, Computer Systems, Database Management (MySQL), Operating Systems, Programming (Python, C++), IT Support & Troubleshooting, Network Security, Routing & Switching, Cloud & Virtualization Basics

SMK Abu Bakar

Temerloh, Pahang

Sijil Pelajaran Malaysia (SPM)

January 2018 - December 2022

EXPERIENCE

Cashier

February 2023 - May 2023, AU2 Setiawangsa

AEON Co. (M) Berhad

- Processed 150+ daily transactions using POS systems with 99% accuracy, reducing checkout errors and wait times.
- Facilitated RM3,000–RM5,000 in cash, credit, and digital payments per shift, ensuring error-free receipts and correct change.
- Managed 50+ customers per day with inquiries, returns, and product information, resulting in higher customer satisfaction scores.
- Maintained cashier counter hygiene and organization, ensuring 100% compliance with store health and safety inspections.
- Monitored and reconciled RM5,000+ in daily cash drawer balances, promptly reporting discrepancies for financial accuracy.
- Generated and verified daily sales reports to ensure accurate end-of-day reconciliation.

SKILLS

Technical Skills:

- Google Workspace (Docs, Sheets, Drive)
- Programming (Python, C, C++)
- Database Management (MySQL, SQL basics)
- Networking Fundamentals (LAN/WAN, IP addressing, routing basics)
- Cisco Packet Tracer (network simulation)
- Virtualization Tools (VMware)
- Operating Systems (Windows, Linux basics)
- IT Support & Troubleshooting (hardware/software issues)
- IoT Development (ESP32, Node-RED, MQTT, Telegram Bot integration)
- Point of Sale (POS) Systems operation
- Digital Payment Systems (QR Pay, Credit/Debit card, e-wallets)

Projects

Smart Shelf IoT System (Node-RED, ESP32, MySQL, MQTT, Telegram Bot)

- Built a smart shelf system to monitor stock levels of up to 10 items in real time using ESP32 and sensors.
- Integrated Node-RED for automation and MySQL for structured storage of stock data.
- Implemented Telegram Bot notifications that reduced manual stock checks by 40%, ensuring timely restocking.

Network Infrastructure Design (Cisco Packet Tracer)

- Designed and configured a LAN with 3 VLANs and HSRP redundancy, simulating enterprise-grade failover.
- Implemented IP addressing with VLSM, achieving 30% more efficient subnet utilization.
- Conducted failover testing, confirming 99% uptime during router redundancy simulation.

Personal Portfolio Website (HTML, CSS, JavaScript, GitHub Pages, Custom Domain)

- Designed and developed a portfolio website to showcase 5+ academic projects and technical skills.
- Deployed site on GitHub Pages with a custom domain, ensuring 24/7 global accessibility.
- Optimized responsiveness and layout, improving mobile performance by 35% based on testing.

ACHIEVEMENTS

1st Place – Network King of the Hill (POLYCC Cyber Warrior)

- Solved timed network security challenges by identifying vulnerabilities, capturing flags, and configuring network devices to secure access.
- Applied advanced troubleshooting and networking techniques to outperform 10+ competing teams.

Head of Department Award (Anugerah Ketua Jabatan)

- Academic performance in four consecutive semesters.
- Recognized for maintaining strong academic results and commitment to excellence throughout diploma studies.