

# AHMED MARWAN ALI

## Network & Cybersecurity Specialist

📍 Kuala Lumpur, Malaysia — ✉️ [ahmedmarwan.biz@gmail.com](mailto:ahmedmarwan.biz@gmail.com) — ☎️ +60 113 970 0557  
in [linkedin.com/in/ahmedtrying](https://www.linkedin.com/in/ahmedtrying) — 🌐 [github.com/AhmedTrying](https://github.com/AhmedTrying) — Medium: [@Ahmed.trying](#)

## PROFESSIONAL SUMMARY

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Computer Science graduate majoring in Network and Security from Universiti Teknologi Malaysia. Completed internship as a DOC Associate. Seeking a full-time opportunity in networking and cybersecurity. Passionate about building secure and efficient systems with hands-on experience in networking protocols, security practices, and modern web technologies.

## CORE COMPETENCIES

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**Networking:** IPSec, VPN, SD-WAN, Fortinet, Zabbix, Virtual Access Routers, VLAN, ACLs, Subnetting

**Programming:** Python, C++, Bash (Linux Scripting), JavaScript, Web Development

**Frameworks:** Flask & FastAPI, Tailwind CSS

**Data Science:** Scikit-learn, Pandas, Data Visualization (Tableau)

**Cloud & Containers:** AWS, Docker, Supabase

**Tools:** Putty, SSH, Packet Tracer, Raspberry Pi, Git, Cron, VS Code

**Soft Skills:** Incident Response, SOP Documentation, Task Automation, Team Collaboration, Project Management

## EDUCATION

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### Bachelor of Network and Security with Honours

*Universiti Teknologi Malaysia*

Aug 2021 – Jul 2025

**CGPA:** 3.3

Proficient in TCP/IP, cryptography, firewall configuration, and secure communication systems.

### High School Certificate

*Al-Noor School, Jeddah, Saudi Arabia*

Jul 2017 – Apr 2019

**CGPA:** 89.70

## PROFESSIONAL EXPERIENCE

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### DOC Associate — *Magnifi Machines* — Aug 2024 – Feb 2025

- Worked with Linux, Fortinet firewalls, and Virtual Access routers
- Hands-on with IPSec, VPN, SD-WAN, AWS, and Azure
- Used Zabbix for monitoring and troubleshooting
- Managed incident response and automated tasks using scripts

### Head of Computing School — *YSAG* — Mar 2023 – Mar 2024

- Managed and updated the school library
- Conducted remedial IT classes and supported students
- Organized workshops and study groups

### Freelance Designer — *@ahmed.trying on Instagram* — Jan 2022 – Aug 2023

- Delivered design projects and handled client acquisition
- Managed project feedback and communication

## E-commerce Manager — *High Sleep* — Jul 2020 – Apr 2024

- Managed inventory and online sales
- Ran SEO, social media, and Google Ads campaigns

## PROJECTS

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- **Malaysia Scam and Fraud Dashboard** – Final Year Project  
*Python, Tableau, Logistic Regression, Web Scraping*  
Built a dashboard for scam/fraud trend analysis with predictive modeling.
- **Tomm&Danny Coffee Shop Management System** – Real-time Restaurant Platform  
*Next.js 15, TypeScript, Supabase PostgreSQL, Tailwind CSS, Radix UI*  
Developed a full-stack restaurant management platform with contactless QR ordering, kitchen display system, point-of-sale interface, real-time notifications, and comprehensive analytics dashboard.
- **University Network Infrastructure Enhancement** – Packet Tracer Simulation  
*Cisco Packet Tracer, VLAN, Routing, ACLs*  
Simulated a campus network with VLANs, routing, and access control.
- **Mini Password Manager** – Secure Web App  
*Flask, HTML/CSS, bcrypt*  
Developed a simple web app for password storage and hashing.
- **AES Cryptography App** – Web Encryption Tool  
*JavaScript, AES-256, ECB/CBC*  
Created a web-based tool for AES message encryption and decryption.
- **Auto Ping Bot** – Internal Monitoring Script at Magnifi Machines  
*Linux, Bash, ICMP, Cron*  
Automated ping checks and alerts for internal network uptime.

## CERTIFICATIONS

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- Cisco: CCNAv7, CCNA Enterprise Networking Security and Automation
- Cisco: IoT and Digital Transformation
- Cisco: Network Security
- IBM: Cybersecurity Tools & Cyberattacks

## LANGUAGES

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**Arabic:** Native

**English:** Professional Proficiency