

# AHMED MARWAN ABDULMALEK ALI

## Network & Security Engineer

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## PROFESSIONAL SUMMARY

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Passionate cybersecurity professional with hands-on experience in threat monitoring, VPN configuration, and firewall management (Fortinet), and automation using Python and Bash. Experienced in incident response, system hardening, and SIEM monitoring using Zabbix. Adept at building secure network architectures, performing vulnerability discovery and web app testing using tools such as Nmap, Burp Suite, curl, Wireshark, Nessus, and scripting for automated detection and response.

## CORE COMPETENCIES

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+ **Cybersecurity & Network Defense:** Nmap, Burp Suite, Wireshark, Nessus, curl, Fortinet, Zabbix, IPSec, VPN, SD-WAN, VLANs, ACLs, Subnetting, Incident Response, System Hardening, SIEM Monitoring  
+ **Programming & Automation:** Python, Bash (Linux Scripting), C++, JavaScript, Flask, FastAPI, Secure Web Development, and vibe coding  
+ **Cloud & Virtualization:** AWS, Docker, Supabase, Vercel, Virtual Access Routers, Raspberry Pi  
+ **Data & Visualization:** Scikit-learn, Pandas, Tableau, Power BI, Data Analytics, Reporting Dashboards  
+ **DevOps & Tools:** Git, SSH, Putty, Packet Tracer, VS Code, Linux, Zsh  
+ **Soft Skills:** Threat Analysis, SOP Documentation, Task Automation, Team Collaboration, Project Management

## EDUCATION

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### Bachelor of Network and Security with Honours

*Universiti Teknologi Malaysia (UTM)*

Aug 2021 – Jul 2025

CGPA: 3.25

### High School Certificate

*Al-Noor School, Jeddah, Saudi Arabia*

Jul 2017 – Apr 2019

## 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 — *YSAG* — Mar 2023 – Mar 2024

- Led computing initiatives and academic support programs for Yemeni students at UTM.
- Organized technical workshops and coding sessions
- Mentored junior students in programming concepts
- Coordinated academic support programs
- Facilitated knowledge sharing sessions

## 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, Power Bi, 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