

## Ahmed Ashour Ali

### Network Engineer & JR Penetration Testing | Beni Suef, Egypt

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#### Professional Summary

Final-year Network Engineering student (graduating 2026) with solid knowledge in network design, infrastructure security, vulnerability analysis, and penetration testing. Hands-on experience with building secure network architectures, IoT systems, and real-world cybersecurity labs using tools like Wireshark, Nmap, Burp Suite, and Metasploit. Skilled in managing Cisco and Windows Server environments, and programming with C, C++, PHP, Java, and MySQL. Seeking a junior-level role in **Network Security** or **Penetration Testing** to grow in a professional environment.

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#### Certifications

- **CCNA** – Cisco Certified Network Associate
- **CCNA Security**
- **MCSA** – Microsoft Certified Solutions Associate
- **Cloud Fundamentals - UICC**
- **Web Development Certificate** – ITI (PHP, HTML, CSS, MySQL)
- **Digital Egypt Builders Initiative (Ongoing):** Infrastructure Security, Vulnerability Analysis, and Penetration Testing

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#### Education

##### □ **B.Sc. in Network Engineering – Expected 2026**

University Name: Beni suef Technology

GPA: 3.5

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#### Projects & Practical Experience

##### ◆ **Cybersecurity & Penetration Testing Labs (2024 – 2025)**

- Performed security assessments using tools like Wireshark, Nmap, Burp Suite, SQLmap
- Analyzed networks, identified vulnerabilities, and simulated attacks in lab environments
- Used Kali Linux and Metasploit for ethical exploitation and reporting

##### ◆ **Network Infrastructure Design & Security (2024)**

- Built end-to-end network designs using Cisco Packet Tracer and GNS3
- Configured Active Directory, DNS, DHCP, Group Policy, and VPN (IPSec, GRE)
- Managed Windows Server environments, firewall rules, access control, and backups

##### ◆ **Inventory Management Desktop App (2024)**

- Designed a desktop application using Java Swing and MySQL for product tracking and supplier management

##### ◆ **Smart Gate Access System (2024)**

- Developed an automated entry system using ID Cards and Arduino
- Integrated database logging and secure access sensors for visitor control

##### ◆ **Dynamic University Website (2023)**

- Developed a multi-page website using PHP, HTML, CSS
  - Connected front-end with MySQL for academic data management
  - ◆ **Smart Bluetooth-Controlled Car (2022)**
  - Built and programmed a smart car using Arduino with IR and Ultrasonic sensors
  - Developed motion control and obstacle avoidance logic using C/C++
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➤ **Soft Skills**

- Problem Solving & Critical Thinking
- Continuous Learning & Self-Development
- Adaptability to Technological Change
- Teamwork & Collaboration
- Leadership & Strategic Planning
- Communication
- Time management

➤ **Technical Skills**

- Networking: TCP/IP, OSPF, VLAN, NAT, DHCP, DNS, Routing & Switching
  - Network Security: VPNs, Access Control, IDS/IPS, Network Hardening
  - Firewalls: Cisco ASA
  - Network Analysis: Wireshark, Nmap, Burp Suite
  - OS: Windows Server (AD, GPO), Kali Linux, Ubuntu
  - Programming: C, C++, PHP, Java, HTML, CSS, Bash, Python (basic)
  - Databases: MySQL
  - Virtualization & Simulation: VMware, Hyper-V, GNS3, Cisco Packet Tracer
  - IoT & Embedded Systems: Arduino, Raspberry Pi, Bluetooth, IR & Ultrasonic Sensors
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**Languages**

- **Arabic:** Native
- **English:** Good on a professional level