Mariam Magdy Mohamed

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Summary

- **I am a third-year Information Technology student with a strong academic background in programming and networking. I have completed several relevant courses and gained hands-on experience through practical projects. I am passionate about technology, eager to learn, and constantly seeking opportunities to apply and expand my skills in real-world environments**.

Education

- **Assiut International Technological University**   [2023]-[2027]
  - Information Technology (IT)

Skills

Programming languages: HTML, CSS, JavaScript, PHP, Java, C#
Technologies: Cisco Packet Tracer, SQL, Git, GitHub**,** Apache Netbeans IDE
Network Protocols: RIP, OSPF, Site-to-Site VPN, ACL, ZPF, AAA, DHCP, LACP, HSRP
Soft Skills: Problem Solving, Team Collaboration, Troubleshooting
Concepts: Network Engineering, Web Development, IOT, Arduino, Cybersecurity, Ethical Hacking, Data Science
Languages: Arabic **(**native**)**, English **(**very good**)**, German **(**basic**)**

Projects

- **Workspace Application:**
  - A Java-based application developed using Apache NetBeans IDE. It provides an organized workspace for managing tasks and files efficiently, with a user-friendly interface and scalable.

- **Personal Portfolio Website:**
  - Designed and developed a responsive personal website using HTML, CSS, and JavaScript to showcase projects and skills.

- **University System Website:**
  - Built a multi-role website (Admin, Student, Instructor) using HTML, CSS, JavaScript, and Dart to manage academic operations and user interactions.

- **Hangman Widows form:**
  - Developed a classic Hangman game using C# and Windows Forms, featuring interactive UI and dynamic word generation.

- **Security Bank System (Network Simulation):**
  - Designed and configured a secure banking network using Cisco Packet Tracer. The system includes a main and a branch office, implementing multiple protocols such as HSRP, VLANs, DHCP, VPN, AAA, and OSPF for redundancy, segmentation, and secure communication.
- **Hypervisor For Education Infrastructure:**
  - Deployed a Proxmox-based hypervisor to support virtualized educational environments. Developed and hosted a website on the Proxmox platform to demonstrate deployment and web integration capabilities.

Certificates

- *HTML & CSS (Information Technology Institute "ITI")*
- *Database Fundamentals (Information Technology Institute "ITI")*
- *Arduino level 1 & 2*
- *Certificate from German-Arab chamber of industry and commerce*
- *Introduction to Cybersecurity (Cisco Networking Academy)*
- *Network Technician Career Path (Cisco Networking Academy)*
- *Junior Cybersecurity Analyst Career Path (Cisco Networking Academy)*
- *Ethical Hacker (Cisco Networking Academy)*
- *Introduction to Internet Of Things (Cisco Networking Academy)*
- *Introduction to Data Science (Cisco Networking Academy)*
- *English for IT 1 (Cisco Networking Academy)*
- *English for IT 2 – CEFR B2 (Cisco Networking Academy)*