SALWA TAMER

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Results-driven and detail-oriented Network and System Administrator with 1+ years of experience managing, optimizing, and securing enterprise IT environments. Proven expertise in network infrastructure, server administration, virtualization, cloud technologies, and cybersecurity. Adept at designing resilient systems, troubleshooting complex issues, and leading projects with minimal downtime.

EXPERIENCE

SYSTEM AND NETWORK ENGINEER
Ministry of communication and information technology (MCIT
OCTOBER 2024 – PRESENT
.Designed, implemented, and maintained LAN/WAN infrastructure for a multi-site organization.
.Configured and managed Cisco routers, switches, and Fortinet firewalls to ensure secure and efficient network operations.
. Maintained and administered Windows and Linux servers, including Active Directory, DNS, DHCP, and file servers.
. Led the deployment of VMware ESXi and Hyper-V virtualization platforms, consolidating server infrastructure and improving resource efficiency.
. Developed automated scripts using PowerShell and Bash to streamline user onboarding, backup tasks, and system monitoring.

SOFTWARE TESTING INTERN
Valeo (smart village)
NOVEMBER 2023 – MAY 2024
.Assisted QA team in manual testing of web and mobile applications across multiple platforms and browsers.
.Executed functional, regression, and integration test cases based on software requirements and user stories.
.Reported bugs using JIRA and worked closely with developers to reproduce and resolve issues.
. Participated in Agile sprint planning, daily stand-ups, and retrospectives to ensure timely delivery of quality builds.
.Created and maintained detailed test documentation including test cases, bug reports, and user scenarios.
.Validated APIs using Postman to check for correct request-response behavior and error handling.

Education

Bachelor of engineering electronics and communication department
Egyptian Academy for engineering and Advance technology
June 2024
- Got A+ in my graduation project
- GPA 3.55(very good with honor) and ranked the third on my class

high school
Ramses college for girls
July 2019
- Math section

ACTIVITIES

- **Secretary, IEEE Student Branch**
  Organized technical workshops, speaker sessions, and networking events. Managed communication between members and university faculty.
- **Co-Lead, Google Developer Student Clubs (GDSC)**
  Led coding sessions and organized developer meetups focused on Android, web, and cloud technologies. Mentored junior students in technical and soft skills.
- **Member, Enactus Presentation Team**
  Participated in national-level competitions, presenting entrepreneurial solutions with social impact. Worked on storytelling, pitching, and presentation design.
- **Participant, IEEE Xtreme 24-Hour Programming Competition**
  Competed in an international coding challenge, solving algorithmic problems under tight time constraints.
- **Team Member, ROV (Remotely Operated Vehicle) Robotics Competition**
  Contributed to the design and testing of an underwater robot. Focused on system integration and technical documentation.
- **Technical Support Volunteer, World Urban Forum 12 (WUF12)**
  Assisted in the setup and maintenance of technical equipment during the international UN-Habitat conference. Supported live sessions, managed digital presentation tools, and provided on-site tech assistance to speakers and delegates.

TECHNICAL SKILLS

Networking: Cisco, Fortinet, VLANs, VPNs, Firewalls, Routing & Switching, TCP/IP
Systems: Windows Server (2012–2019), Linux (Ubuntu, CentOS), Active Directory, DNS/DHCP
Virtualization & Cloud: VMware ESXi, Hyper-V, Microsoft Azure, AWS
Monitoring & Security: Nagios, Zabbix, SolarWinds, Wireshark, IDS/IPS, SIEM
Scripting & Tools: PowerShell, Bash, Python (basic), Ansible, Git
Databases: MS SQL Server, MySQL (basic administration)
Load Balancers: HAProxy, NGINX
Devops tools : Docker &kubernetes

CERTIFICATIONS & TRAINING

- **Cisco Certified Network Associate (CCNA)**
  Issued by Cisco — [September 2021]
  Covered networking fundamentals, IP services, security fundamentals, automation, and programmability.
- **Huawei Certified ICT Associate (HCIA)**
  Issued by Huawei — [September 2024]
- **ISTQB Certified Tester – Foundation Level**
  Issued by ITI (Information Technology Institute) — [July 2023]
  Focused on software testing fundamentals, test techniques, lifecycle processes, and defect management.
- **Technical Training – Petrojet Company**
  Training in Fire Alarm Systems and CCTV/Camera System

LANGUAGES

- Arabic – Native / Mother Tongue
- English – Conversational / B2
- French – Intermediate