

Yahya Abd El-Azim Shaker

Linux System Administrator

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Cairo, Egypt

Professional Summary:

System Administrator with hands-on experience managing Windows Server (2016/2019) and Linux systems (Red Hat, Ubuntu, CentOS). Proficient in Active Directory, DNS, DHCP, and implementing system backup strategies. Experienced in scripting (Bash, Python), server monitoring, and deploying cloud solutions using AWS and VMware.

Education:

Faculty of Computers and Information, Luxor University

[Sep 2019 - Jul 2023]

BSc in Information Technology (IT), GPA: 3.32 (B+), Graduation Project: A+

Professional Experience:

- * System Administrator, Datagear [Jan 2025 - Jun 2025]
Configured and maintained operating system environments and infrastructure settings for enterprise-level applications. Managed user authentication, roles, and permissions using Active Directory and Group Policy. Monitored system performance, resolved incidents using standard troubleshooting methodologies.
- * Information Technology Institute (ITI), Intensive Code Camp (System Administration Track) [May 2024 - Oct 2024]
Intensive training in Linux/Windows servers, virtualization, DevOps and automation tools
- * Digital Egypt Youth 1-Month Program (NTI), Specialized in Cisco Networking (CCNA V7) [Sep 2023]

Achievements:

- * [Certificate of achievement](#) in Troubleshooting Network Infrastructure from Qena MISR Public Library [Sep 2023 - Oct 2023]

Certifications:

- * Red Hat Certified System Administrator (RHCSA) – Sep 2024 Cert ID:[240-170-621] [<https://www.credly.com>]
- * AWS Academy Graduate- Cloud Architecture– Aug 2024 [<https://www.credly.com/badges/804addd0-281f-42ec-a1fb>]
- * Ubuntu Linux Essentials – Mahara Tech – Jan 2024 [https://drive.google.com/file/d/13sAz_PEBfxM/view]
- * Cisco Certified Network Associate (CCNA V7) – NTI – Sept 2023 [<https://drive.google.com/file/T1Q/view>]
- * Huawei HCIA-Cloud Computing – 2022 [https://drive.google.com/file/d/1283l94h_Xe/view]

Technical Skills:

- * Operating Systems: Windows Server 2016/2019, RedHat, CentOS, Ubuntu
- * Networking: CCNA, NAT, DHCP, DNS, VPN, VLANs, Routing & Switching
- * Cloud & Virtualization: AWS, Azure, VMware vSphere
- * DevOps Tools: Docker, Kubernetes, Ansible, Terraform
- * Scripting & Automation: Bash, Python
- * Database: MySQL, SQL Basics
- * Version Control: Git, GitHub

Soft Skills

- * Problem Solving, Time Management, Teamwork, Flexibility, Communication Skills

Languages:

English: Intermediate

Arabic: Native

Projects:

1. Project: Linux User and Group Management Automation

Tools: Bash (CLI & Whiptail GUI), Python

- Developed command-line and GUI tools to manage Linux users and groups.
- Automated user creation, modification, deletion, password resets, and status control.
- Reduced manual work and increased system administration efficiency.

2. Project: [Automated Software Installer \(Whiptail GUI\)](#)

3. Project: [Package Installer \(Bash Scripting Using Select\)](#)

4. Project: [Daily process report \(Bash Script\)](#)

5. Project: [Automated Backup Script](#)

6. Project: Network Infrastructure Simulation (Bank | Company | University)

Tools: Cisco Packet Tracer

- Designed networks using OSPF, EIGRP, DHCP, NAT, VLANs, ACLs and VPN
- Implemented secure and scalable network topologies for different use-cases

Additional Information:

Military Status: Exemption

References: Available upon request