

YAHYA ABD-ELAZIM SHAKER

SYSTEM ADMINISTRATOR

01122996820	http://www.linkedin.com/in/yahya-abd-el-azim-aa6070253	yehiaabdelazim58@gmail.com	https://yahia58.github.io/portofilo	Egypt, Qena, Abu-Tesht (Easy Relocated)	Military Status: Exemption
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SUMMARY:

Yahya – Motivated Junior System Administrator with hands-on experience in IT infrastructure support. Skilled in troubleshooting, network management, server configuration (Linux & Windows), and systems automation. Committed to enhancing system performance, ensuring uptime, and growing professionally in system administration.

PROJECTS:

- User and Group Management Tool (Linux Administration) ****
 - Built tools using Bash & Python to automate user/group management, enhancing productivity by 20%
 - Features: Adding, modifying, deleting users, and password management.
 - Tools Used:
 - Bash (select): Created a command-line interface with menu-based navigation. →
 - Bash (whiptail): Designed an interactive GUI-based tool using dialog boxes. →
 - Python: Built a version with a flexible and modular architecture. →
 - Outcome: Improved system user management efficiency by automating repetitive tasks.
- Simulation using packet tracer for 3 Networks (Bank, Company, University)**
 - Designed a secure, scalable network for 3 entities with 100+ devices, applying advanced techniques like VLANs, ACLs.
 - Reduced downtime by 40% using OSPF and EIGRP configurations. →
- Daily process report: (Bash Script)**

Developed a Bash script to automate daily process monitoring and reporting on CentOS systems, including identifying high CPU usage and problematic processes and sending email notifications with detailed reports using msmtp. →
- Automated Backup Script:**

This Bash script facilitates creating backups for local or remote devices. It offers a menu-driven interface to choose between local and remote backups, supports compressing files or directories into a tar archive, logs backup operations, and ensures secure file transfers via SCP for remote backups. It also validates backup success or failure and logs results accordingly. →
- Package Installer (Bash Scripting)**
 - Dynamic Package Installer: Created a Bash script for automatic application installation on local or remote Linux devices, incorporating OS detection, SSH connectivity, and package mapping for Ubuntu and CentOS systems. →
 - Automated Software Installer: Developed a Bash script using **whiptail** for interactive, cross-platform package installation on local and remote Linux systems, featuring OS detection, SSH integration, and robust error handling. →

CERTIFICATIONS AND COURSES:

- REDHAT Certified System Administrator (RHCSA) – Sep 2024 →
- AWS Academy Graduate- Cloud Architecting – 2024 →
- IT Academy: Cloud & Virtualization Concepts- Credly →
- CCNA V7 – Sep 2023 →
- Huawei HCIA-Cloud Computing – Online –2022 →

TRAINING DIPLOMA

- System Administration Track – ITI (Information Technology Institute)**
 - Intensive training in Linux/Windows servers, virtualization, and automation tools (May–Oct 2024).
- DIGITAL EGYPT YOUTH PROGRAM – NTI**
 - Specialized in Cisco Networking (CCNA V7) (September 2023).

AWARDS AND ACHIEVEMENTS

- Certificate of Achievement in Troubleshooting Network Infrastructure – Qena Misr Public Library:
→ [30-Sept:15-Oct 2023]
 - Resolved 15+ critical network issues, improving system uptime by 30%.
 - Recognized for expertise in optimizing and securing network infrastructure.

EDUCATION

[LUXOR UNIVERSITY] [2019-2023]
Bachelor of Computer & Information Technology (GPA: 3.32/B+)

SKILLS

TECHNICAL SKILLS:

- Operating System:
 - RedHat Admin I&II
 - Ubuntu
 - Windows Server 2016 & 2019
- Computer Network:
 - CCNA V7
 - CCTV
- Virtualization & Cloud Computing:
 - AWS
 - vSphere
- Containerization & Orchestration:
 - Docker
 - Kubernetes
- Software Engineering:
 - Python
 - Bash Scripting
 - Git, GitHub
- Database Management:
 - Database and MySQL basics

SOFT SKILLS:

- PROBLEM SOLVING
- TIME MANAGEMENT
- COMMUNICATION SKILLS
- TEAMWORK
- COMMITTED
- FLEXIBLE
- MOTIVATED

Languages:

- English: Good.
- Arabic: Native

References:

Available upon request.