

MARIAMA CIRE BARRY

SUMMARY

Experienced System Administrator with a strong background in managing and deploying Azure solutions, configuring Windows Server environments, and maintaining virtualization platforms including VMware and Hyper-V. Skilled in Active Directory, Group Policy and network security. Proven ability to troubleshoot and resolve technical issues, ensuring system reliability and performance. Eager to contribute to The Phoenix Group's infrastructure team by leveraging technical skills and innovative solutions.

EXPERIENCE

Intrinsic Technology Group, System Administrator (Full-time employee)

Jul 2021 – Jan 2026

- Supported, configured, maintained, and upgraded corporate customer networks.
- Supported and administered third-party applications.
- Ensured network security and connectivity.
- Set up user accounts and performed access control.
- Resolved problems reported by end users.
- Provided technical remote support to end users.
- Specified system requirements and designed solutions.
- Researched and made recommendations on server system administration.
- Upgraded, installed, and configured new hardware and software to meet company objectives.
- Performed diagnostic tests and debugged procedures to optimize computer systems.
- Documented processes, Patched systems, and backed up and archived data.
- Developed data retrieval and recovery procedures.
- Implemented efficient end-user feedback and error reporting systems.
- Managed and deployed Azure solutions.
- Troubleshooted and resolved Azure services-related issues.
- Configured Azure services to meet the needs of the organization.
- Maintained azure profiles and subscriptions.

NYC Tech Pros, Jr Network Admin (Volunteer)

Feb 2021 - Mar 2022

- Remotely performed data backups and disaster recovery operations; upgraded Windows 7 to Windows 10 Professional.
- Troubleshoot issues with computer applications or systems resolved computer network problems.
- Remotely connected to NYC Tech Pros Servers, Created groups and user accounts in Active Directory.
- Created Windows Server 2019, Windows 10 Clients, and Virtual Machines, added roles and features, promoted the server to a domain controller, and clients to the domain in Microsoft Azure.
- Troubleshoot connections between clients and domains hosted in Azure by creating a forwarding DNS address on the DNS Server.
- Use Group Policy Management to assign specific permissions to those users and groups.
- Remotely Installed Windows Server Update Services; configured it; used the Group Policy Management to enable the specified intranet Microsoft update service location; enabled automatic detection update frequency; configure automatic updates and updated a client.
- Researched, wrote, and designed a migration from Exchange Server 2013 on premises to Office 365.

ALIMA (Alliance International for Medical Action), Research Assistant (Employee)

2016 - 2017

- Engaged, and supported the execution of the Project PREVAC (Partnership for Research on Ebola Vaccination).
- Collected, Transcribed, analyzed, and coded data from the community about their Ethnographic.
- Contributed to the questionnaire's elaboration and conducted interviews and group brainstorming.

EDUCATION

New York

Associate's Degree • Network Administration and Security

Conakry, GUINEA

Bachelor's degree • Sociology

LICENSES & CERTIFICATIONS

CompTIA A+

CompTIA Network+

CompTIA IT Operations Specialist – CIOS Stackable Certification

Microsoft Certified Azure Fundamentals

Microsoft Certified Azure Associate Administrator

Microsoft Certified Azure Solutions Architect Expert

Microsoft Certified Azure Security Engineer Associate

SKILLS

Provide help desk and technical support in IT service management. • Experience planning, upgrading, and configuring Windows Client/Server Operating systems application software. • Manage and maintain group policies, file and storage services, permissions, and access resources. • Monitor, optimize performance and troubleshoot Windows client/ server OS. • Identify vulnerabilities, threats, risks, and attacks on systems and networks. • Plan and implement appropriate network security measures to protect systems from potential threats. • Create VLANs and implement port security using Cisco switches. • Configure WAN and routing protocols using Cisco routers and switches. • Excellent communication skills; fluent in English, French, and Fulani. • Install, configure, troubleshoot, and replace hardware components, configure DNS, DHCP & IIS services, Active Directory, TCP/IP, and remote Hyper-V service.