

Muhammad Afzaal

Azure Cloud & Infrastructure Support

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PROFESSIONAL SUMMARY

Azure-focused IT professional with a B.S. in Information Technology and hands-on Azure experience from freelance client work and cloud projects. Experience with Windows/Linux VMs, App Service, networking, storage, monitoring, snapshots, and troubleshooting. AZ-900 certified and preparing for AZ-104.

TECHNICAL SKILLS

Azure: Virtual Machines, App Service, VNets, subnets, NSGs, VNet peering, Load Balancer, Bastion, Private DNS, NAT Gateway, Route Tables/UDRs, Network Watcher, managed disks, snapshots, Azure Monitor

Cloud & Systems: Ubuntu Linux, Windows Server, Nginx, IIS, MariaDB, Bash, Azure CLI, PowerShell (basic), GitHub

Networking: TCP/IP, DNS, CIDR/subnetting, routing, ports/protocols, connectivity troubleshooting

Support: DNS records, nameservers, web hosting, business email, technical troubleshooting, client support

AZURE CLOUD PROJECTS

Azure Segmented Network Infrastructure | [GitHub Project](#)

- Built a segmented Azure environment across two peered VNets with private Ubuntu VMs, web/API/database subnets, NSGs, Bastion, Standard Load Balancer, Private DNS, and NAT Gateway.
- Controlled Web-to-API (8080) and API-to-MariaDB (3306) traffic, blocked Web-to-DB access, and diagnosed NSG priority, UDR, and peering failures with Network Watcher, curl, and nc.

Azure Multi-OS Compute Infrastructure | [GitHub Project](#)

- Deployed Ubuntu and Windows Server VMs with VNet/subnet networking, NSGs, Nginx/IIS, managed disks, snapshots, Azure Monitor, and persistent Linux storage using UUID/fstab.
- Validated snapshot recovery and CPU monitoring; troubleshot VNet placement, NSGs, Linux disk device changes, and service accessibility.

PROFESSIONAL EXPERIENCE

Freelance Web & Digital Operations Specialist | 2024 - Present

Self-Employed | Brooklyn, NY

- Provisioned an Azure Windows VM for a client business workload, sizing compute/storage for performance needs; created VM snapshots and an additional VM for data protection and recovery.
- Hosted the client's website on Azure App Service, configured hosting and DNS, and troubleshot availability/connectivity to support reliable public access.
- Managed domain transfers, DNS, nameservers, business email, and Google Ads while providing ongoing client technical/account support.

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft Azure Administrator (AZ-104) - In Progress
CompTIA Security+ | CompTIA Network+ | CompTIA A+ | ITIL Foundation

EDUCATION

Bachelor of Science in Information Technology - Western Governors University | 2026

Associate Degree - Computer Information Systems (IT Support) - Oakland Community College | 2024