

Mohammed J Hossain

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Professional Summary

IT professional with experience in systems administration, cloud computing, and automation. Skilled in AWS, Azure, Microsoft 365, PowerShell, and CI/CD pipelines with a strong focus on infrastructure automation, security, and DevOps practices. Proficient in networking, virtualization, and scripting to enhance system efficiency and scalability.

Key Skills: AWS, Azure, Infrastructure as Code (IaC), Automation (PowerShell, Bash), Networking, CI/CD

Experience

L1 Technician, Digacore Technology Consulting June 2024 – Present

- Reduced manual workload by 35% by automating security and service processes using PowerShell
- Improved business process efficiency by automating workflows with Microsoft Power Automate and PowerApps
- Developed Power BI dashboards to visualize SQL data, cutting manual reporting time by 40% and improving analysis efficiency
- Led Azure Automation to streamline workflows and optimize server deployments, reducing manual effort

On-site IT Technician, Digacore Technology Consulting Jan 2024 – June 2024

- Provided IT support for Windows Server, Active Directory, Microsoft 365, and L1 escalations
- Resolved security incidents, including compromised mailboxes, user breaches, and phishing attacks
- Troubleshooted network Issues, SonicWall Firewalls, routers, and VPNs

Jr SysAdmin, NCN News Jan 2022 – Dec 2022

- Managed RTMP Server Suite in AWS Cloud
- Deployed internal applications in EC2 and managed RDS databases
- Managed networking infrastructure, including firewalls, switches, and wireless APs

Help Desk Technician, Time Television Mar 2021 – Dec 2021

- Resolved network issues by diagnosing and fixing connectivity, DNS, and firewall issues
- Configured and maintained NAS servers for centralized data storage utilizing TrueNAS
- Active Directory user provisioning, group policy administration, and conducted security audits

Education

CUNY - LaGuardia Community College, AAS in Programming and Systems Fall 2017 – Fall 2019

- GPA: 3.79/4.0

Projects

Homelab Server

- Proxmox virtualization on Raspberry Pi and HP EliteDesk for NAS and Docker services.
- Deployed self-hosted React/Next.js/Node.js apps with Docker and CI/CD via GitHub Actions.
- Set up a reverse proxy and VPN for secure remote access, using the setup for DevOps practice.

BreakBack github.com/mjhossain/breakback

- Developing a mobile app to manage lunch breaks in a high-stress work environment
- Tools Used: React-Native, PostgreSQL

Technologies

Languages/Frameworks: Python, JavaScript, Powershell, Bash, Go, SQL, React, React-Native, NextJS, NodeJS

Technologies: Git, Docker, Ansible, Terraform, CI/CD, REST API, Microsoft Power Platform, Linux Administration

Certifications: ISC2 Certified in Cybersecurity, Google Cybersecurity Professional, AWS Solutions Architect Associate [Expected May 2025]