

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.

Experience

L1 Technician, Digacore Technology Consulting June 2024 – Present

- Automated tasks and processes for Security, Projects, and Service teams using PowerShell, reducing manual work
- Improved business process efficiency by automating workflows with Microsoft Power Automate and PowerApps
- Designed and developed interactive Power BI dashboards to visualize and analyze data from SQL databases, improving data-driven decision-making by reducing manual reporting time
- Led Azure Automation initiatives to streamline workflows and optimize server deployments, reducing manual intervention

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

- Provided IT support for Windows Server, Active Directory, Microsoft 365, and L1 escalations
- Oversee Microsoft 365 administration, ensuring efficient user and service management
- 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: Python, JavaScript, Powershell, Bash, Go, SQL

Technologies: AWS Cloud, Azure Cloud, Containerization, CI/CD, REST API, Linux Administration

Certifications: ISC2 Certified in Cybersecurity, AWS Solutions Architect **[In Progress]**