

Mohammed J Hossain

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Professional Summary

Automation Engineer skilled in **Microsoft 365, Azure, AWS, and workflow automation**. Experienced in **PowerShell, Docker, CI/CD, and SaaS development**, building efficient systems that enhance reliability and reduce manual work. Passionate about integrating **AI-driven automation** and modern DevOps practices to bridge development and infrastructure operations.

Core Skills: PowerShell, n8n, Power Automate, Azure (Entra ID, Intune), Terraform, AWS, Docker, CI/CD (GitHub Actions), React, Next.js, Supabase, Python, SQL, Power BI, AI Integration

Experience

Automation Engineer, DigaCore Technology Consulting Mar 2025 – Present

- Built 20+ automation workflows in n8n & Power Automate, optimizing Entra ID user lifecycle and cutting manual work by 40%.
- Automated SharePoint provisioning with PowerShell + PnP, reducing deployment time by 25%.
- Developed Power BI dashboards and Power Apps to improve visibility and reduce processing time by 50%.
- **Rebuilt a legacy SaaS platform** from PHP to a **Next.js + Python + Supabase** stack with containerized CI/CD pipelines using Docker and GitHub Actions.

L1 Technician, DigaCore Technology Consulting Jun 2024 – Mar 2025

- Supported 50+ client tenants across Microsoft 365 and Intune, scripting PowerShell automation to accelerate resolutions.
- Improved ticket turnaround by 20% and standardized device policies via ABM and Samsung Knox.
- Assisted senior engineers in configuring network switches, firewalls, and VLANs for new site setups.
- Monitored ticketing SLAs in ConnectWise Manage and prepared weekly reports for management.

On-site IT Technician, DigaCore Technology Consulting Jan 2024 – Jun 2024

- Delivered Tier 1 support for Windows Server, Active Directory, Microsoft 365, and network issues for 500+ users.
- Resolved 20–30 support tickets daily and implemented proactive fixes that reduced recurring IT issues by 50%.
- Installed and configured new workstations, printers, and VoIP phones for end users across client sites.
- Collaborated with network engineers to troubleshoot LAN/WAN connectivity issues and optimize performance.

Junior Systems Administrator, NCN News Jan 2022 – Dec 2022

- Managed AWS RTMP streaming infrastructure (EC2, RDS), reducing outages by 30%.
- Assisted with NAS deployments and cloud optimization for higher reliability.

Projects

Homelab Server (DevOps Playground) Ongoing

- Built a Proxmox-based homelab with Docker containers, Nginx reverse proxy, SSL, and VPN.
- Automated deployments using GitHub Actions CI/CD, showcasing Linux and container orchestration expertise.

EvntManager.io — SaaS for Creatives 2025

- Developed EvntManager.io, a Next.js + Supabase SaaS for photographers and videographers.
- Deployed through custom GitHub Actions CI/CD pipelines to self-hosted infrastructure using Docker.

Education

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

GPA: 3.79 / 4.0