

# Mohammed J Hossain

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## Education

### **CUNY LaGuardia Community College, New York, NY**

*Associates in Applied Science, Computer Programming*

*Fall 2019*

Relevant Coursework: Programming, Web Development, Database Management, Virtualization, Cloud Computing

### **CUNY New York City College of Technology Brooklyn, NY**

*BTech in Computer Systems*

*Expected Graduation Fall 2024*

Relevant Coursework: Linux Operating System, System Design, Networking, Data Analytics, Cyber Security

## Work Experience

### **NCN News Channel Long Island City, NY**

*Help Desk Technician Jan 2022 – Dec 2022*

- Led the migration to Azure, utilizing services like Virtual Machines and Azure Blob Storage
- Delivered effective remote assistance, resolving user issues promptly via remote desktop tools.
- Ensured smooth workstation setup, and addressed hardware and software compatibility for optimal performance.

### **Time Television Queens, NY**

*Help Desk Technician March 2021 – Dec 2021*

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

### **CUNY LaGuardia Community College New York, NY**

*Graphics Designer Jan 2019 – Feb 2021*

- Designed marketing assets for the college website, and print materials.
- Worked alongside frontend developers, creating graphical assets for the website.

## Projects

### *Homelab IT Infrastructure*

*2023*

- Utilizing Proxmox hypervisor for efficient virtualization of NAS servers and docker containerized services.
- Replicating a small business Active Directory environment for testing and development purposes.
- Reverse proxy server and VPN server for secure and efficient access to internal services from outside.
- Self-hosting websites and microservices.

### *Expense Tracker (PHP, SQL) | [xtrack.mointech.dev](https://xtrack.mointech.dev)*

*Fall 2019*

- Developed a web application to track expense
- Used PHP to perform server operations, user authentication, data processing
- Used MySQL as the database for the web application

## Technical Skills & Certifications

- Google Cybersecurity Professional (Coursera)
- ISC2 Certified in Cybersecurity | Sept 2023
- Pursuing Azure Solutions Architect Expert & CompTIA A+
- Programming Languages & Database: Python, SQL, MongoDB, JavaScript, BASH, Java
- Security: SIEM, LOG Analysis, Packet Analysis, Network Monitoring
- Technology: Linux, Cloud Computing, Virtualization, Docker, REST API, Git, Microsoft 365