



## Md Muzahedul Haque

CLOUD ENGINEER

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### ABOUT

IT & cloud computing professional with more than ten years of experience. Expert in platform planning & deployment, cloud computing, kubernetes, openshift, telecommunication signaling trace analysis, cybersecurity, etc.

### TECHNICAL SKILLS

- AWS, Openstack, Virtualization
- Kubernetes, Openshift, Docker
- Terraform, Cloudformation
- Infrastructure security, Wireshark
- Linux
- Git
- Python, C , YAML , Bash

### CERTIFICATIONS

- AWS Certified Security Specialty
- AWS Certified SysOps Administrator Associate
- AWS Certified Solutions Architect Associate
- AWS Certified Developer Associate
- AWS Certified Cloud Practitioner
- CKA: Certified Kubernetes Administrator
- CKAD: Certified Kubernetes Application Developer
- HashiCorp Certified: Terraform Associate
- Terraform: Certified HashiCorp Implementation Partner (CHIP)
- Red Hat® Certified Architect in Infrastructure
- Red Hat® Certified Specialist in OpenShift Administration
- Red Hat® Certified Specialist in Containers
- Red Hat® Certified Specialist in Containers and Kubernetes
- Red Hat® Certified Specialist in Virtualization
- Red Hat® Certified Engineer
- Red Hat® Certified System Administrator
- Red Hat® Certified Specialist in Gluster Storage Administration
- Red Hat® Certified System Administrator in Red Hat OpenStack
- Red Hat® Certified Specialist in High Availability Clustering
- Red Hat® Certified Specialist in Server Security and Hardening

## WORK EXPERIENCE

### CLOUD ENGINEER

Nordcloud, an IBM company  
Web: <https://nordcloud.com/>

Feb 2022 - Present

- AWS cloud architecting & engineering.
- Migrating Linux based host to AWS cloud.
- Kubernetes & Openshift cluster administration.
- Linux based OS hardening and security implementation.

### MANAGER, OFFENSIVE SECURITY & COMPLIANCE

bKash Limited  
Web: <https://www.bkash.com/en>

Oct 2020 - Oct 2021

- Designing and conducting profound technical assessments on internal and external facing systems.
- Executing penetration testing and tactical offensive assessment across the bKash environment.
- Planning and working with vulnerability management, production security, and other security programs to align remediation efforts and best protect the company from known threats.
- Instructing and assisting fellow security engineers and third-party vendors in conducting penetration tests.

### ADTECH OPERATIONS MANAGER

Axiata Digital Bangladesh Private Limited  
Web: <https://ada-asia.com/>

Dec 2019 - Oct 2020

- SMS platform operation and maintenance
- System planning and implementation.
- Solution architect design.
- Vendor management.
- Customer support and servicing.
- Partnership management.

### SENIOR SYSTEM ENGINEER

Intercloud Limited  
Web: <https://www.intercloud.com.bd/>

Jan 2019 - Dec 2019

- Deployment of Openstack cloud & cloud services integration.
- Deployment of Kubernetes cluster and administration.
- Containerize application and deploy it to Kubernetes cluster.
- Operation and maintenance of cloud computing platform.
- Operation and maintenance of KVM based virtualization platform.

### SENIOR SYSTEM ENGINEER

Novotel Limited  
Web: <https://www.novotel-bd.com/>

Aug 2013 - Dec 2018

- Designing and deploying the SMSC platform (Linux-based open source) in the core network and integrating with other local telecom operators using SIGTRAN.
- Maintenance of voice switches. Ensuring system (Linux-based) stability, performance, and proper routing of voice calls.
- Configuring connectivity (SIP, Sigtran, and SS7) with telecom operators worldwide for voice & SMS termination.
- Analyzing signaling (SIP, Sigtran, and SS7) traces for troubleshooting call failure, identifying call disputes.

### EDUCATION

- **Master of Engineering, Information Technology, Cloud-Based Software Engineering**  
Vaasa university of applied sciences, Finland 2022 - 2024
- **Master of Science (M.Sc.) in Computer Science**  
Jahangirnagar university, Bangladesh 2014 - 2015
- **Bachelor of Science (B.Sc.) in Electronic & Telecommunication Engineering**  
East west university, Bangladesh 2008 - 2013

### LANGUAGE

- English (Professional working proficiency)
- Bangla (Native language)