NAZMUL AHASAN

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SENIOR ENGINEERING MANAGER | CLOUD INFRASTRUCTURE SPECIALIST

PROFESSIONAL SUMMARY

Senior Engineering Manager with 8+ years architecting secure, scalable Healthtech and FinTech infrastructure across multi-cloud environments. Proven expertise in Kubernetes clusters for high-availability trading platforms, and decentralized applications. Expert in CI/CD automation, DevSecOps compliance (HIPAA, PCI DSS, SOC2), and cost optimization—achieving 65% AWS reduction while maintaining 99.99% uptime. Strong background in FinTech trading platforms (CFD, Brokerage, Forex). Skilled in smart contract deployment, container orchestration, and observability solutions.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS | GCP | Azure | Multi-Cloud Architecture | Hybrid Infrastructure
Containers & Orchestration: Kubernetes (EKS, GKE) | Docker | Helm | Container Security
Infrastructure as Code: Terraform | Ansible | GitOps | ArgoCD
CI/CD: Jenkins | GitHub Actions | GitLab CI | Automated Deployment Pipelines
Monitoring: Prometheus | Grafana | ELK Stack | Loki | Nagios
Security & Compliance: IAM | RBAC | DevSecOps | PCI DSS | HIPAA | SOC2
Scripting: Bash | Python | Automation

PROFESSIONAL EXPERIENCE

SENIOR ENGINEERING MANAGER (PLATFORM ENGINEERING) | NEXT VENTURES LIMITED, DHAKA | 2024 – PRESENT
FinTech Trading Platform (CFD & Brokerage Platform for Forex Trading)

- Led the DevOps and SRE Team collaborating with development, IT, and security engineers to align cloud infrastructure strategy with FinTech trading platform objectives
- Architected scalable multi-cloud environments (AWS, GCP, Azure) supporting CFD and brokerage platforms with real-time transaction processing and 99.99% uptime
- Deployed and maintained Kubernetes clusters for containerized trading services, ensuring high availability and horizontal scalability
- Drove IaC and GitOps adoption using Terraform, Ansible, GitHub Actions, and ArgoCD—tripled deployment frequency, boosted release reliability by 40%, and reduced deployment time from 40 to 10 minutes
- Optimized AWS costs from $184K to $65K/month (65% reduction) through rightsizing, pricing optimization, and resource utilization monitoring
- Implemented comprehensive observability using Prometheus, Grafana, and ELK Stack, reducing latency by 30%

SENIOR DEVOPS ENGINEER | BRAIN STATION 23, DHAKA | 2022 – 2024
International Client Services & Cloud Modernization

- Modernized cloud infrastructure for 5+ international clients, boosting system performance by 30% and reducing latency through architecture optimization
- Migrated monolithic services to AWS and GCP microservices architecture with high availability and scalability
- Containerized applications and orchestrated production-grade Kubernetes/EKS deployments with automated rolling updates and horizontal autoscaling, reducing deployment failures by 30%
- Developed end-to-end CI/CD pipelines using GitHub Actions and Jenkins—reducing deployment time by 75% (40 to 10 minutes) and increasing deployment frequency by 5×
- Led 5+ hands-on DevOps training sessions and mentored junior engineers on Kubernetes, CI/CD automation, and cloud architecture

SYSTEM ADMINISTRATOR II | THERAP SERVICES LLC, DHAKA | 2018 – 2022
HIPAA-Compliant Healthcare Infrastructure Management

- Managed HIPAA-compliant EHR infrastructure supporting 10,000+ daily clinical transactions with 99.99% uptime and zero data breaches
- Administered 200+ on-premises servers and VMs (CentOS, RHEL, VMware) with firewalls, VPNs, and OS hardening
- Deployed and maintained on-premises Kubernetes clusters with automated rolling updates, reducing deployment failures by 30%
- Implemented monitoring (Nagios, Cacti, OEM) and disaster recovery procedures, cutting RTO/RPO by 50%

EDUCATION

B.Sc., COMPUTER SCIENCE & ENGINEERING
Ahsanullah University of Science & Technology (AUST), Dhaka

PROFESSIONAL CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Oracle Cloud Infrastructure (OCI) Architect – Associate & Professional

Red Hat Certified System Administrator (RHCSA)

Oracle Cloud Infrastructure (OCI) Cloud Operations Associate

Red Hat Certified Engineer (RHCE)

Fortinet Network Security Expert (NSE) Levels 1 & 2

KEY ACHIEVEMENTS

✓ 65% AWS cost reduction ($119K/month savings) | 75% deployment time reduction (40 to 10 min)
✓ 5× deployment frequency increase | 40% release reliability improvement | 30% performance boost
✓ 99.99% uptime across 200+ servers | Zero security breaches in HIPAA environment
✓ Led the DevOps and SRE Team.