

MD TORIQUIL ISLAM

DevOps & Cloud Solutions Engineer

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PROFESSIONAL SUMMARY

DevOps and Cloud Infrastructure Engineer with expertise in optimizing CI/CD pipelines, cloud architecture, and automation workflows for mission-critical systems. Delivered measurable results including 60% faster deployments, 35% infrastructure cost reduction, and 99.9% system uptime. Skilled in containerization, Infrastructure as Code (IaC), and secure cloud solutions. Currently pursuing a B.Sc. in Computer Science (Cloud Computing) while contributing to enterprise-scale systems and open-source projects.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS | Kubernetes | Docker | Terraform | Ansible | Helm | AWS Lambda | IAM | Zero-Trust Architecture

DevOps & Tooling: GitHub Actions | Jenkins | Python | JavaScript | Shell | Prometheus | Grafana | Loki

PROFESSIONAL EXPERIENCE

Safety Coordinator (Automation Engineer) | Seatrrium (SG) Pte Ltd | Singapore

December 2022- Present

- ✓ Designed and implemented automation solutions for safety management systems using Microsoft Power Platform, Python, and shell scripting, reducing manual intervention by 90% and cutting report generation time from minutes to 5–30 seconds.
- ✓ Streamlined WBGT and POWER systems, decreasing automation failure rates from 35.65% to 1.47% and handling 10K+ daily safety submissions with peak performance of 16K+ submissions.
- ✓ Built and maintained a high-availability notification system using Power Automate, achieving 100% uptime and delivering critical safety alerts to 100+ senior management and 300+ executives within 5 seconds.
- ✓ Enhanced safety management platforms through Power Platform architecture, improving scalability and reliability to achieve 95% system uptime and reducing human intervention by 90% in WBGT and 60% in POWER reporting systems.
- ✓ Collaborated with 7 cross-functional team members to identify automation opportunities, automating data validation and report generation to reduce reporting errors by 40%.

IT Support Specialist (Hybrid-DevOps) | NEON Publication | Dhaka

August 2020- May 2022

- ✓ Spearheaded cloud migration initiatives, decreasing infrastructure costs by 35%
- ✓ Established real-time monitoring systems achieving 99.9% system uptime
- ✓ Developed Python automation scripts minimizing maintenance time by 40%
- ✓ Enhanced security protocols and crafted systematized compliance checks
- ✓ Constructed CI/CD pipelines for streamlined application deployment

FEATURED PROJECTS

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|---|---|
| Multi-Environment AWS EKS Infrastructure <ul style="list-style-type: none">- Built dev/staging/prod environments with 99.9% availability- Decreased deployment time by 50% using Terraform- Minimized cluster costs by 40% with spot instances Stack: AWS EKS, Terraform, Helm, Docker, Kubernetes | Automated CI/CD Pipeline System <ul style="list-style-type: none">- Lowered deployment failures by 70% with automated testing- Achieved 15-minute deployment time from commit to production- Automated rollbacks with 99% success rate Stack: GitHub Actions, Jenkins, Python, ArgoCD, Shell |
| Cloud-Native Monitoring Solution <ul style="list-style-type: none">- Minimized incident response time by 60%- Engineered custom dashboards with automated alerting- Decreased alert noise by 75% Stack: Prometheus, Grafana, ELK Stack, OpenTelemetry | Zero-Trust Security Implementation <ul style="list-style-type: none">- Reduced security incidents by 80%- Automated IAM role management and policy enforcement- Achieved 100% compliance with security standards Stack: AWS IAM, Zero-Trust, Python, Security Automation |

EDUCATION

Bachelor of Science in Computer Science (Cloud Computing)

Expected Graduation: 2027



INTI International University, Malaysia

TECHNICAL CERTIFICATIONS & TRAINING

- AWS Solutions Architect Associate (SAA) - Amazon Web Services (Expected Completion: Q2 2025)
- Certified Kubernetes Administrator (CKA) - Cloud Native Computing Foundation (Expected Completion: Q4 2025)
- DevOps Career Track - Poridhi.io (2024)
- AWS: Beginner to Solution Architect- Tecognize Training (2023)
- Advanced Linux System Administration - Bit Byte IT (2023)
- Google IT Automation with Python - Google Career Certificates (2023)