Md Sadiqul Islam

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Experience

Cloudly Infotech Limited, DevOps Engineer I — Mahakhali, Dhaka — 2025 – Present

- Provide **24/7 on-call support** for production infrastructure across **35+ client environments**.
- Manage AWS/GCP resources, Linux servers, networking, IAM, DNS, and cloud operations end-to-end.
- Build and maintain **CI/CD and GitOps** pipelines using **GitHub Actions, Jenkins and ArgoCD**.
- Automate infrastructure and deployments using Ansible, Docker Compose, Bash scripting.
- Dockerize and deploy applications using Docker/Compose, Nginx in production environments.
- Harden Linux servers, SSH access, permissions, firewalls, Nginx/Apache, and SSL/TLS configurations.
- Troubleshoot production incidents, deployment failures, and server issues to ensure system reliability.
- Manage MySQL/PostgreSQL backup, restore, migration, and AMI-based disaster recovery workflows.
- Optimize client cloud costs through resource rightsizing, unused-resource cleanup, and storage lifecycle policies.
- Monitor production infrastructure and services to improve availability, reliability, and operational performance.

Genex Infosys PLC, Jr. Software Engineer — Gulshan, Dhaka — Jan 2025 – Aug 2025

- Maintained MERN-based NBR systems and reliable data-flow pipelines.
- Monitored real-time tax data processes to ensure high availability and data accuracy.
- Tested APIs with Postman and analyzed large datasets in Linux using grep.

DevOps Projects

DevOps Academy: Secure CI/CD, Kubernetes & Observability — GitHub

- Built **GitHub Actions** and **Jenkins** CI/CD pipelines with automated SSH deployment to AWS EC2.
- Integrated **Trivy**, **OWASP Dependency-Check** and **SonarQube** as blocking CVSS 7+ quality gates.
- Dockerized a MERN app with multi-stage builds, **Docker Compose** and a hardened **Nginx**.
- Deployed an **RKE2 Kubernetes** cluster with Helm, cert-manager TLS, RBAC and **ArgoCD** GitOps.
- Set up **Prometheus**, **Grafana** and **Loki** for metrics, dashboards and centralized logging.
- Resolved incidents such as disk exhaustion and cAdvisor failures and documented root causes.

Cloudly AWS Pricing Automation Tool — GitHub

- Developed an AWS pricing and PDF invoice automation tool using PHP and JavaScript.
- Deployed it with **Docker**, **Nginx** and a **Jenkins** (Groovy) CI/CD pipeline.

InstaCircle.io — Project Link

- Maintained **Jenkins** CI/CD pipelines with custom Groovy build, test and deploy stages.
- Created and automated provisioning with **Ansible** in production.

Skills

Cloud: AWS (EC2, S3, VPC, IAM, RDS, Aurora, EKS, CloudWatch, Route 53, Auto Scaling, ACM, Lambda)
GCP (Compute Engine, IAM, Load Balancer, Certificate Manager, gcloud)

CI/CD: GitHub Actions, Jenkins (Groovy), Git workflows

DevSecOps: SonarQube, Trivy, OWASP Dependency-Check, Quality Gates, Secrets Management, SSL/TLS

Containers & Orchestration: Kubernetes, Docker (multi-stage, Compose), Helm, ArgoCD (GitOps)

Monitoring & Logging: Prometheus, Grafana, Loki, Node Exporter, cAdvisor

Linux & Web Servers: Ubuntu, RHEL, CentOS, Rocky Linux; Nginx, Apache, SSL/TLS

Automation & Databases: Bash, Python, Ansible; MySQL/PostgreSQL backup and restore

Soft Skills: Leadership, Communication, Teamwork, Problem-Solving, Punctuality

Certifications

AWS Certified Solutions Architect – Associate (SAA-C03) Credly

KodeKloud 100 Days of DevOps GitHub

Education

Bangladesh University of Professionals (BUP), BSc. 2020 – 2024
Information and Communication Engineering

Extra Curricular Activities

BUP Robotics Club, President 2023 – 2024

- Led BUP TechSurgence 2.0 (1,500+ attendees) and workshops on drones and Arduino.

Languages

Bangla (Native) · English (Full Professional Proficiency)