

Mobarak Hosen

Tangail, Dhaka, Bangladesh | mh.ice.iu@gmail.com | +8801752886859 | Website | LinkedIn | GitHub

Work Experience

- DevOps Engineer**, The CloudAdvisory – Part-time (Remote) Aug 2025 – Present
- Built a **Kubernetes Internal Developer Platform (IDP)** using kOps and Terraform, reducing cluster deployment time and achieving cost savings in the development environment.
 - Developed & Deployed containerized applications. Automated infrastructure lifecycle management using IaC, improving consistency and deployment reliability
- System Admin**, FusionPulse – Dhaka, Bangladesh Oct 2024 – Jul 2025
- Improved development efficiency by 40% by implementing and managing self-hosted GitLab instances, automating deployments and releases.
 - Dockerized an e-commerce application to enhance VPS resource efficiency and improve scalability.
 - Reduced security incidents by 30% by configuring TLS, managing Nginx and implementing n8n automation tools to monitor resource usage.
- Technical Support Engineer**, Gluu – Texas, USA (Remote) Sept 2020 – Feb 2025
- Provided Tier 1/2 customer supports for community users and enterprise clients implementing Gluu Server for IAM and SSO solutions.
 - Enabled seamless authentication for enterprises by documenting and implementing single-sign-on (SSO) integrations with third-party IDPs (Azure AD, Oracle, WSO2).
 - Maintained a 90% customer satisfaction rate actively monitoring system logs, analyzing problems, and providing clear technical guidance through written and verbal communication.

Skills

- **Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, Terraform, CF, Jenkins, GitHub Actions, Grafana, Ansible
- **Programming & Development:** Python, Flask, Bash, Java, NodeJS, WordPress, HTML, CSS
- **Networking, Security, & IAM:** TLS, Nginx, Load Balancing, OpenID, SAML, Keycloak
- **Databases:** PostgreSQL, MySQL, SQLite, LDAP
- **Collaboration and Version Control:** Git, GitHub, GitLab, Jira, Agile, Discord, Slack

Projects

- CloudsInClick - Multi Cloud VM Provisioning with Terraform and GitHub Action** Project Link
- Built Terraform-driven multi-cloud provisioning system integrated with GitHub Actions
 - Reduced environment setup time by 90% using automated lifecycle controls and DNS integration
 - Implemented secure SSH access, automated agent provisioning, and CI/CD workflows
- pacli - Secrets Management CLI** Project Link
- Developed secure, local-first secrets manager with encryption and SSH-based authentication
 - Designed CLI workflows for managing credentials and infrastructure access

Achievements

- Top 10% on LeetCode. Specialist on Codeforces (Max Rating: 1472)
- Ranked 64th in the NCPC-2018

Education

- Islamic University, Bangladesh**, M.Sc. in ICT Jun 2020 - Dec 2021
- Islamic University, Bangladesh**, B.Sc. in ICT May 2015 - Dec 2019