

# Mobarak Hosen

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## 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.
- **Enable 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