Md. Afzal Hassan Ehsani

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Summary

DevOps Engineer who believes in solving problems, not just setting pipelines. From writing Terraform scripts at 2 AM to fixing Jenkins builds before demos, I've done it. Skilled in building robust CI/CD pipelines, deploying production-grade apps on AWS using Kubernetes, and making infrastructure repeatable with IaC. Strong believer in automation, clean deployments, and learning by doing. Ready to bring a real-world DevOps mindset to a fast-paced team.

Skills

Cloud Platforms: AWS (EC2, S3, RDS, Route53, Lambda, DynamoDB), Civo, DigitalOcean
DevOps Tools: Jenkins, GitHub Actions, Docker, Kubernetes (Microk8s, K3s), Prometheus, Grafana, Loki
IaC & Automation: Terraform, Ansible, eksctl, Bash, Shell Scripting
Web Technologies: Nginx, Tomcat, Apache, Django, Flask, ReactJS, NextJS, Redis, HTML, CSS
Languages: Python, Bash, Groovy, JavaScript
DevRel & Community: Technical Writing, Community Engagement, Discord Events, Hackathons, Open Source
Operating Systems: Linux (Ubuntu, CentOS), MacOS, Windows

Experience

DevOps Community Lead, TWS   *Pune, India*
April 2025 – Present

- Spearheaded the TrainWithShubham Discord community, growing it to over 500+ active learners in DevOps, Kubernetes, Docker, and Linux.
- Mentored 50+ developers, helping them deploy production-grade projects using Docker, Kubernetes, and Jenkins.
- Conducted 60+ live sessions on Docker, Kubernetes, and Terraform, improving DevOps adoption among non-tech
- Increased member retention by 3x through interactive labs, Discord engagement, and personalized learning paths.

DevOps Intern, TWS   *Pune, India*
November 2024 – April 2025

- Automated end-to-end CI/CD workflows using Jenkins and GitHub webhooks, reducing manual deployment time by 60%.
- Orchestrated EKS cluster provisioning with Infrastructure as Code, utilizing Terraform and eksctl to eliminate manual setup and save over 20 engineer-hours per deployment cycle.

Projects

Three-Tier Full Stack Chat Application   GitHub Link

- Architected and deployed a three-tier chat application on **AWS EKS** using **Terraform** and **eksctl**, cutting infrastructure provisioning time by 70%.
- Implemented CI/CD pipelines with **Jenkins** and **GitLab**, automating build, test, and deployment workflows, reducing release cycles from 2 hours to 15 minutes.
- Integrated **Docker** for **containerized deployments** and **Kubernetes readiness probes**, ensuring production-grade stability.
- Delivered a production-like POC adopted in TrainWithShubham's Kubernetes bootcamp, enabling 500+ learners to practice real-world scenarios.

High-Availability Banking Application   GitHub Link

- Automated provisioning of cloud infrastructure (**VPCs, EKS clusters, IAM roles**) using Terraform and Ansible, saving 15+ hours/week of manual setup.
- Established **GitOps** delivery with **GitLab** pipelines and **ArgoCD**, enabling secure and auditable deployments on Kubernetes.
- Strengthened **DevSecOps** practices by integrating **SonarQube** and **Trivy scans** into the CI/CD pipeline, reducing vulnerabilities by 40%.

Education

Intermediate in Science (I.Sc), Dr. Jagannath Mishra College   *March 2017 – March 2019*