

Atul Soam

+91 8544982484 atulsoam5@gmail.com linkedin.com/in/atul-soam github.com/Atulsoam562003

Summary

Platform & DevOps Engineer specializing in scalable cloud infrastructure, CI/CD pipeline orchestration, and observability systems across AWS and GCP. Proven record of improving deployment reliability (99% success rate), optimizing infrastructure costs, and building impactful backend systems in C# and Kubernetes-based microservices.

Education

Indian Institute of Information Technology Guwahati (IIITG)

B.Tech in Computer Science Engineering

Professional Experience

Platform Engineer at Connection Loops

Aug 2025 – Present

- Engineered and maintained a microservice-based job processing system (**CLJPS**) using a **custom-built C# SDK over NATS.io**, deployed across **2 Kubernetes clusters** (prod + staging) with **15–20 nodes**, ensuring low-latency communication and reliable scaling for **8k–10k jobs/day**.
- Built and integrated **Grafana + VictoriaMetrics** dashboards covering **50K+ time-series metrics**, enabling alerting and visualization that improved issue detection and reduced investigation time by **35%**.
- Implemented automated **CI/CD pipelines** using **ArgoCD, Helm, and GitOps workflows**, enabling **40–50 deployments/week** with a **99% deployment success rate** and **zero critical rollbacks** over the last 6 months.
- Launched and owned the end-to-end development of a **Daily Subscription feature** generating **\$3,600+ annual recurring revenue** from **5 client labs**, with billing logic built in C# and scalable support for **5k+ monthly subscribers**.
- Improved platform reliability by developing a suite of **background maintenance services** in C#, including automated **job cleanup**, weekly **Azure container image cleanup**, **CLJPS task lifecycle cleanup**, and centralized **secret management via Doppler**. Reduced storage bloat and maintenance overhead by **20%**.

DevOps Engineer at Alteryx Inc.

Jan 2025 – Jun 2025

- Architected cost-optimization workflows embedding **Terraform-based Infrastructure as Code (IaC)** logic into **CI/CD pipelines** across **AWS and GCP**, achieving automated **infrastructure automation** for scaling environments.
- Automated scaling across **10+ database instances and Kubernetes clusters** using Lambda, EventBridge, and GitLab CI, saving approx. **\$7,000/month**.
- Resolved ArgoCD sync and rollout issues, reducing deployment failures by **10%** and improving release speed by **5 minutes per build**.
- Integrated **Datadog and Slack monitoring and alerting**, increasing deployment failure detection coverage by **40%**.

Cloud & Backend Engineer at IIT Bhilai

Jun 2024 – Aug 2024

- Developed and deployed a **cloud-hosted MERN application** for smart parking with **RESTful APIs**, authentication, and real-time slot booking.
- Implemented multi-user access control and deployed on **AWS EC2 + S3**, supporting **100+ concurrent users**.
- Optimized parking utilization and analytics, contributing to a projected **10% congestion reduction**.

Technical Skills

Languages: C++, C#, React, JavaScript, Python, Java, C, Shell Scripting

DevOps & Cloud Tools: Terraform (Infrastructure as Code), Kubernetes, ArgoCD, Helm, CI/CD pipelines, Docker, Linux, Git, AWS, GCP

Monitoring & Observability: Grafana, VictoriaMetrics, Datadog, Slack API, Monitoring and Logging Stack

Backend & APIs: RESTful APIs, Microservices, System Design, NATS.io, GrowthBook, MySQL

Keywords: Infrastructure Automation, Cloud-Native Architecture, Monitoring and Alerting, SRE, Observability

Achievements

- ACM ICPC 2024 Regionalist** (Team: Algo Primes).
- Google Kickstart International Rank: **1422nd**.
- LeetCode Top **2%** (1000+ problems solved, Max Rating: **2059**).
- Completed **Hacktoberfest** with multiple open-source contributions.