

# Anmol Kumar

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## Summary

Results-oriented DevOps Engineer with 2+ years of experience specializing in AWS cloud infrastructure and CI/CD automation. Proficient in containerization using Docker and orchestrating pipelines with Jenkins and AWS CodePipeline. extensive experience in provisioning Infrastructure as Code (IaC) via CloudFormation and implementing Blue-Green deployment strategies to minimize downtime and streamline release cycles

## Technical Skills

- **Cloud:** AWS (S3, Lambda, EC2, CloudWatch, API Gateway, Route53, DynamoDB, code-Pipeline, ECS Fargate, RDS)
- **DevOps:** Docker, smee.io, Nginx, Fluentd, Jenkins, Terraform, CloudFormation
- **Programming:** Python, Shell/Bash, Node.js
- **APIs & Tools:** REST APIs, Postman, Git, Log Analysis, Debugging
- **Monitoring:** ElasticSearch, CloudWatch
- **Databases:** MySQL, MongoDB, DynamoDB

## Professional Experience

### Jr DevOps Engineer — Impressico Business Solutions, Noida

Aug 2024 – Present

- Managed and automated AWS infrastructure using Infrastructure as Code (IaC) and Jenkins, provisioning services including S3, CloudFront, ECS Fargate, ECR, Lambda, EC2, IAM, and VPC.
- Replaced manual AWS resource creation with automated, version-controlled CloudFormation templates and CLI scripts, improving deployment speed, reliability, and consistency.
- Implemented automated start/stop of AWS RDS and ECS services on weekends to optimize costs, integrated with Slack for real-time notifications.
- Integrated Jenkins pipelines with Bitbucket webhooks using smee.io, enabling real-time automated builds upon code commits and pull requests.
- Implemented Automated snapshot of Daily AMI Backup using Data Lifecycle Manager(DLM) service.
- Configured automated build triggers in AWS CodePipeline for branch-specific code pushes, integrated with Slack notifications, reducing manual deployment efforts and improving CI/CD efficiency.

### Software Engineering Intern — Impressico Business Solutions, Noida

Feb 2024 – Jul 2024

- Created UI with React.js, integrating components with backend APIs to deliver seamless user experiences.
- Built REST APIs using Node.js (Express) for a microservices-based analytics tool.
- Deployed applications on AWS using EC2, S3, CloudWatch; configured Nginx for load balancing and high availability.

## Key Projects

- A full-stack MERN application to manage books with CRUD, rating, and filter features. Deployed using Kubernetes and Minikube, with services containerized and orchestrated via YAML configurations. **[GitHub]**
- Implemented CI/CD using CloudFormation; reduced deployment time from 30min to 6min. **[GitHub]**
- AI-powered code review tool built with Gemini API to analyze GitHub pull requests. Generates review comments using NLP, improves PR quality, and integrates with GitHub workflows. **[GitHub]**
- CDN caching via CloudFront improved load speed by 65%; reduced infra cost by 75%.

## Education

### Bachelor of Application — IIMT Group of Management

2021 – 2024

- CGPA: 6.8

## Certifications & Achievements

- **Certifications:** Git & GitHub, Data Structures (Coursera), Palo Alto Cybersecurity Foundation, CCNAv7
- **Achievements:** College Hackathon