

Anurag Ranjan

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Summary

DevOps Engineer with 2+ years of experience in building and maintaining scalable cloud infrastructure, CI/CD pipelines, and full-stack observability. Proven track record in proactively managing platform health using Grafana, and CloudWatch to monitor metrics such as latency, error codes, CPU usage, and search throughput. Ensured 99.99% uptime and optimized performance for production systems handling 120K+ daily HTTP requests.

Technical Skills

- **Cloud:** AWS (S3, Lambda, EC2, CloudWatch, API Gateway, Route53, DynamoDB, Kinesis, Step Functions)
- **DevOps:** Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, CloudFormation
- **Programming:** Python, Shell/Bash, Node.js
- **APIs & Tools:** REST APIs, Postman, Git, Log Analysis, Debugging
- **Monitoring:** Prometheus, Grafana, ElasticSearch, CloudWatch
- **Databases:** MySQL, MongoDB, DynamoDB

Professional Experience

Associate DevOps Engineer — Impressico Business Solutions, Noida

Jan 2024 – Present

- Managed and supported 10+ production applications on EKS and ElasticSearch; resolved 95% incidents within SLA.
- Automated EKS cluster upgrades and Jenkins maintenance, reducing manual work by 80%.
- Built 15+ custom Grafana dashboards to monitor response time, DB load, and JVM metrics.
- Created alert rules for RDS CPU, write IOPS, and 4XX/5XX spikes; helped reduce mean incident resolution time by 30%.
- Developed Python/Bash scripts saving 15 hrs/week across operations.
- Worked with S3, API Gateway, and Lambda for scalable microservice integrations.

Backend Engineer — OmniDataX Pvt Ltd, Bangalore (Remote)

July 2023 – Jan 2024

- Built LLM chatbot backend with Hugging Face + Python on EC2; served 10,000+ monthly queries.
- Deployed face detection with AWS Rekognition and DynamoDB for real-time S3 processing.
- Configured Auto Scaling + Load Balancers ensuring 99.9% uptime; optimized latency by 50%.

Software Development Intern — HealthKart, Gurgaon

Jan 2023 – Jul 2023

- Designed and implemented unit and integration test cases for RESTful APIs using Jest and Postman.
- Achieved over 90% test coverage for backend services, ensuring stability during CI/CD deployments.
- Identified and fixed edge case failures through automated testing, reducing production bugs by 25%.

Key Projects

Serverless Portfolio with CI/CD Automation — Personal Project

2023

- Built full-stack portfolio app with Lambda, API Gateway, and DynamoDB (99.99% uptime).
- Implemented CI/CD using GitHub Actions + CloudFormation; reduced deployment time from 30min to 6min.
- CDN caching via CloudFront improved load speed by 65%; reduced infra cost by 75%.

Education

B.Tech, Information Technology — KIET Group of Institutions

2019 – 2023

- CGPA: 8.14

Certifications & Achievements

- **Certifications:** Git & GitHub, Data Structures (Coursera), Palo Alto Cybersecurity Foundation, CCNAv7
- **Achievements:** Solved 750+ LeetCode problems, CodeChef Chapter Executive, Postman API Student Expert