

Anurag Ranjan

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Summary | DevOps enthusiast with hands-on experience in cloud technologies, infrastructure as code, and CI/CD pipelines. Experienced in Python, Shell Scripting, AWS, Docker, Kubernetes, and more. Proven ability to solve complex problems, manage projects and deliver results.

Skills

Programming Python, Shell Scripting, Node.js
Cloud AWS, CloudFormation
DevOps Jenkins, Prometheus, Grafana

Containers Docker, Kubernetes
Databases MySQL, MongoDB, Elasticsearch
Tools Terraform, Ansible

Experience

Impressico Business Solutions

Jun 2024 – Present

Devops Trainee Engineer

- Assisted in implementing and maintaining CI/CD pipelines to streamline deployments.
- Supported automation of infrastructure provisioning using Terraform and CloudFormation.
- Real-time monitoring solutions were configured with Prometheus and Grafana to enhance system reliability.
- Collaborated with senior engineers to troubleshoot deployment and infrastructure issues.
- Conducted root cause analysis (RCA) for production issues, providing detailed insight to improve system stability.

HealthKart

Feb 2023 – July 2023

Software Development Engineer Intern

- Supported the development and testing of RESTful APIs, improving back-end functionality.
- Collaborated with team members during debugging and troubleshooting sessions to improve system reliability.
- Participated in code reviews and team meetings to understand project workflows and improve coding standards.

Education

KIET Group of Institutions

2019 – 2023

Bachelor of Technology in Information Technology

CGPA: 8.14

Certifications

- **Introduction to Git and GitHub**
- **Data Structures and Performance**
- **Palo Alto Networks Academy Cybersecurity Foundation**
- **CCNAv7: Introduction to Networks**

Projects

Kubernetes The Hard Way

- Implemented Kubernetes clusters from scratch following best practices.
- Gained in-depth knowledge of Kubernetes internals and deployment strategies.

Serverless Full-Stack Portfolio with Automated DevOps Lifecycle

- Deployed a serverless portfolio website using S3, CDN, DynamoDB, Lambda, and API Gateway for dynamic content delivery.
- Automated infrastructure provisioning and deployment pipelines with AWS CloudFormation and GitHub Actions.
- Delivered a fully automated, scalable application showcasing expertise in serverless architecture and DevOps practices.

Achievements

KIET Codechef Chapter Executive Member

- Organized and managed coding events, promoting competitive programming and student engagement.

Leetcode and Codechef Success

- Solved more than 600 problems on Leetcode, demonstrating strong problem solving and algorithm skills.

Postman API Student Expert

- Achieved distinction in API design and testing using Postman.