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	**Containers**	Docker, Kubernetes
Cloud	AWS, CloudFormation	**Databases**	MySQL, MongoDB, Elasticsearch
DevOps	Jenkins, Prometheus, Grafana	**Tools**	Terraform, Ansible

Experience

Impressico Business Solutions   Jan 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   Jan 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 that demonstrates 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.