Anurag Ranjan

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Education

KIET Group of Institutions — **2019 – 2023**
Bachelor of Technology in Information Technology — *CGPA: 8.14*

Work

Impressico Business Solutions — **Jan 2024 – Present**
DevOps Trainee Engineer

- **Tech Stack:** AWS, Terraform, CloudFormation, Jenkins, Docker, Kubernetes, Prometheus, Grafana
- Engineered **CI/CD pipelines** to streamline deployments and accelerate releases.
- Automated **infrastructure provisioning** with Terraform & CloudFormation, reducing manual intervention.
- Deployed **monitoring solutions** with Prometheus and Grafana for high availability.
- Collaborated with teams to quickly **diagnose and resolve** deployment issues.
- Conducted RCA to implement **proactive measures** and boost system stability.

HealthKart — **Jan 2023 – July 2023**
Software Development Engineer Intern Link

- **Tech Stack:** Node.js, Express, RESTful APIs, Postman
- Developed and rigorously tested **RESTful APIs** to improve backend performance.
- Collaborated in agile teams to **debug and resolve** critical issues.
- Participated in code reviews to uphold coding standards.

Skills

Programming	Python, Shell Scripting, Node.js	**Containers**	Docker, Kubernetes
Cloud	AWS, CloudFormation	**Databases**	MySQL, MongoDB, Elasticsearch
DevOps	Jenkins, Prometheus, Grafana	**Tools**	Terraform, Ansible

Projects

Kubernetes The Hard Way *Link*

- **Tech Stack:** Kubernetes, Shell scripting, Terraform
- Architected and deployed Kubernetes clusters from scratch, adhering to industry best practices.
- Gained advanced expertise in **cluster management, scaling, and security configurations**.

Serverless Full-Stack Portfolio with Automated DevOps Lifecycle *Link*

- **Tech Stack:** AWS (S3, CloudFront, Lambda, API Gateway, DynamoDB), React.js, GitHub Actions, CloudFormation
- Architected and deployed a dynamic, serverless portfolio website ensuring high scalability and **99.99% uptime**.
- Developed a CI/CD pipeline with GitHub Actions and CloudFormation, reducing deployment time by **50%**.
- Built a responsive React.js front-end to enhance user engagement and performance.
- Optimized infrastructure costs and performance using AWS best practices.

Achievements

KIET Codechef Chapter Executive Member

- Organized and managed coding events, boosting competitive programming participation.

Leetcode Success *Link*

- **Solved over 600 algorithm problems**, demonstrating strong problem solving skills and dedication.

Postman API Student Expert

- Recognized for excellence in **API design, testing, and automation** using Postman.

Certifications

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