# Parth Ranalkar

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## SUMMARY

Dedicated and results-driven DevOps Engineer with 3 years of hands-on experience in automating workflows, optimizing CI/CD pipelines, managing cloud infrastructure, and improving system reliability.

## WORK EXPERIENCE

**Cognizant Technology Solutions , Pune**                                          *Oct 2022 - Present*
DevOps Engineer

- ➤ Developed a shared Jenkins pipeline library, enabling standardized CI/CD automation across 20+ microservices, which reduced deployment time by 40%.
- ➤ Reduced AWS costs by 30% through a Lambda-based automation script using Boto3 to clean up stale resources like unused EBS volumes and idle EC2 instances.
- ➤ Built modular and reusable Terraform scripts for provisioning multi-account AWS environments, cutting infrastructure setup time by over 60%.
- ➤ Established prometheus and grafana for comprehensive monitoring and alerting, reducing incident response by 60%.
- ➤ Managed and deployed Kubernetes clusters using AWS EKS, optimizing workloads and ensuring secure, scalable infrastructure.
- ➤ Developed and maintained scripts for automating routine tasks, increasing productivity and reducing manual intervention.
- ➤ Configured Jenkins CI/CD pipelines using a declarative pipeline for each stage of deployment.
- ➤ Reduced deployment downtime and enhanced release reliability by implementing canary deployments using Argo CD Rollouts
- ➤ Experienced in branching , cloning and maintaining the versions using SCM tools like GIT.

**Cognizant Technology Solutions , Pune**                                          *Jan 2022 - Aug 2022*
Intern

- ➤ Gained hands-on experience in HTML, CSS, JavaScript, and Java Full Stack technologies.
- ➤ Learned the fundamentals of deploying applications on AWS.

## EDUCATION

**Smt.Kashibai Navale College Of Engineering , Pune**                                          *2019 - 2022*
Bachelor of Computer Engineering

## PROJECTS

**Terraform - Setup AWS VPC using Terraform**

- ➤ Developed Terraform config (IaaC) to automate setting up of AWS environment
- ➤ Consist of Internet Gateway, Load Balancer, S3

## SKILLS

**Technical Skills:** Terraform, Jenkins, Kubernetes, Docker, Linux, Git, Github, Prometheus,Grafana, Sonarqube, Argocd , Ansible
**Language**: Python , Shell
**Database**: MySQL
**Cloud Platform Services**: EC2, VPC, Route 53, ELB, S3, EKS, Lambda, Cloudwatch, Cloudtrail, RDS, EBS, Secret manager
**Certification** : AWS Cloud Practitioner