

# Pranay Paunikar

LinkedIn: [pranay.linkedin.com](https://www.linkedin.com/in/pranaypaunikar) | Ph: 9049490697 | Email: [pranaypaunikar48@gmail.com](mailto:pranaypaunikar48@gmail.com) | GitHub: [Pranayinfo](https://github.com/Pranayinfo)

## WORK EXPERIENCE

34 MONTHS

### Excelr Pvt. Ltd.

DevOps Engineer

Bangalore, IN

Feb 2024 - Current

- Strategized and implemented end-to-end deployment solutions on Google Cloud Platform (GCP), ensuring high availability and optimized performance under heavy traffic, while enhancing security measures to safeguard the infrastructure
- Implemented CI/CD pipelines using Cloud Build with Secret Manager for secure env handling. Automated Docker image builds to GCR and deployed to GKE private clusters via Helm charts.
- Set up CI/CD for Cloud Run using Cloud Build, automating the build and deployment process for efficient, serverless deployments.
- Deployed applications using GKE and Helm Charts; configured NGINX Ingress, load balancers, autoscaling groups, Cloud DNS, and SSL certificates, leading to faster and more reliable deployments.
- Managed CloudSQL Postgres and Redis instances, handling creation, data migration, and maintenance.
- Created a Jump server (bastion host) for secure SSH access to the GKE private cluster, configuring users and admin groups using Bash scripts, integrated with IAM roles and RBAC in Kubernetes for secure authentication and authorization.
- Setup the Cloud Panel and Hesk Help Desk on a GCP ubuntu machine for collaborating and coordinating with team members and documentation for the company.

### Molecular Connections Pvt. Ltd.

DevOps Engineer

Bangalore, IN

April 2022 - June 2023

- Administered DevOps Tools (Git, Jenkins, Maven, Docker and Kubernetes) for efficient code deployment and project management in Agile env.
- Managed GitLab and Jenkins, implementing user permissions and access control strategies.
- Deployed and Monitored server pool, trigger alarm and daily health reports, resolved the dashboard tickets
- Demonstrated proficiency in AWS services (IAM, VPC, EKS, ECR, EC2, RDS, Storage) to enhance infrastructure scalability and reliability.
- Configured Jenkins jobs using Free style and Declarative scripting, setting up pipelines for automated deployment.
- Utilized Docker for containerization and Kubernetes for cluster management, optimizing scalability and monitoring of services.

### HCL Technologies

Analyst

Nagpur, IN

Dec 2020 - Sep 2021

- Provided technical support to P&G employees, resolving issues via root cause analysis and research.
- Contributed to platform transitions by conducting system analysis, documentation, implementation, and user support.

## PROJECTS

### EKS/GKE Deployment with Helm and Ingress

- Deployed a 3-tier application (React frontend, Express/Node.js backend, PostgreSQL and Redis databases) on GKE/EKS using Helm, Ingress.
- Utilized AWS/GCP services (VPC, NAT, NACL, Security Groups, Load Balancer, AWS Certificate Manager) for secure and scalable management.

### Jenkins CI/CD Deployment on AWS EKS using Terraform (IAC).

- Automated the setup of an Amazon EKS cluster and VPC with Terraform.
- Implemented IAM roles, security groups, and EC2 instances, with a Jenkins pipeline for CI/CD to streamline deployment and management.

### CI/CD Pipeline with Cloud Build and GKE

- Implemented CI/CD pipelines using Cloud Build, with Secret Manager for secure env handling.
- Automated Docker image builds to GCR and deployed to GKE private clusters using Helm charts.

Discover more cloud deployments, CI/CD implementations, and infrastructure automation projects on [my GitHub Projects](#).

## SKILL

**DevOps Tools:** Jenkins, Kubernetes, Docker, Git, Linux, Ansible, Terraform, Bash, Grafana, Prometheus, Nexus, Gitlab,

**Cloud:** AWS (IAM, EC2, EKS, ECS, ALB ASG, Route53, RDS) and GCP (GKE, VPC, GCE, GCR, Snapshot, Disk, Cloudsql)

## EDUCATION

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### INTELLIPAAT VIA IIT ROORKEE

Post Graduation, Cloud Computing.

Remote, IN

Jun 2023 - present

### YESHWANTRAO CHAVAN COLLEGE OF ENGINEERING

Bachelor of Engineering, Mechanical Engineer.

Nagpur, IN

Jun 2015 - May 2019

## CERTIFICATIONS

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- AWS Solution Architect (Intellipaat). Sept 2022
- DevOps Certification (Intellipaat). Sept 2022
- DevOps Engineer Master Program (Edureka). Sept 2023