

# P DURGA PRASAD DORA

Result-driven DevOps professional with strong foundation in **AWS, CI/CD, and Infrastructure as Code**, seeking to contribute to scalable and secure cloud solutions. Eager to apply automation, containerization, and deployment skills in a dynamic tech environment.

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## PROFILE SUMMARY

- Cloud DevOps engineer with expertise in AWS cloud (EC2, S3, Lambda, EKS), CI/CD pipeline automation (Jenkins, GitHub), and infrastructure as code (Terraform, CloudFormation).
- Skilled in network management—including Network Rules, Port assignment, Static/Dynamic/Public IPs—and hands-on with Linux (Ubuntu), Ansible automation, Docker, Kubernetes, and role/permission management using IAM/RBAC.
- Proficient in troubleshooting, analytical problem-solving, and cloud/system monitoring (CloudWatch, Prometheus), with strong focus on communication, collaboration, and client interaction.
- Experienced with SSH/password security methods, Agile/DevOps methodologies, and dedicated to continuous learning, including foundational knowledge of Azure/GCP for multi-cloud adaptability.
- Passionate about infrastructure automation, operational excellence, and delivering secure, scalable cloud solutions in dynamic DevOps environments.



## TECHNICAL SKILLS

Cloud Platforms	AWS (EC2, VPC, Route 53, S3, IAM, RDS, DynamoDB, Lambda, CloudFront, ASG, ELB, Config, CloudTrail, SQS, SNS)
Infrastructure as Code	Terraform, Ansible
CI/CD Tools	Jenkins, GitHub Actions, GitLab CI/CD
Version Control	Git, GitHub, GitLab
Containerization	Docker, Docker-Compose, Docker Swarm, ECS, ECR
Orchestration	Kubernetes, EKS
Monitoring & Logging	AWS CloudWatch, Prometheus, Grafana
Scripting	Python, YAML
Operating Systems	Linux (Ubuntu, Amazon Linux)
Web Servers	Apache, Nginx
Databases	MySQL
Networking & Security	VPC, IAM, Route 53, Security Groups, Encryption



## PROJECTS UNDERTAKEN

### Internship: Zero Mile Delivery System (TechEazy Consulting)

- Technologies:** Terraform, GitHub, GitHub Action CI/CD, GitHub Self Hosted Runner, EC2, IAM, S3, CloudWatch, Event Bridge, SNS, Grafana, Prometheus, Docker
- Contribution:** Automated AWS infrastructure provisioning and CI/CD pipelines using Terraform, GitHub Actions (self-hosted runners), and Docker for scalable deployments.
- Implemented CloudWatch, Event Bridge, SNS, Prometheus, and Grafana for event-driven monitoring, alerting, and real-time observability of applications and infrastructure.

### Project: Video App (Containerized Multi-Tier Application Deployment)

- Technologies:** GitHub, Jenkins, Jenkinsfile, Docker, Docker Compose, AWS EC2, VPC, Amazon RDS, Auto Scaling Group (ASG), Elastic Load Balancer (ELB)
- Contribution:** Automated CI/CD pipelines with Jenkins and GitHub integration to streamline containerized application deployments; orchestrated multi-container environments using Docker Compose; deployed 3- tier architecture on AWS EC2 within a secure VPC; optimized scalability and availability through Auto Scaling Groups and Elastic Load Balancer with Amazon RDS as the backend database.

### Project 2: E-Commerce Application

- Technologies:** AWS VPC, Docker, Docker Hub, Kubernetes, Amazon EKS, GitHub, GitHub Actions (CI), Argo CD, Helm, Nginx Ingress Controller, Kubernetes Dashboard
- Contribution:** Implemented CI/CD pipelines with GitHub Actions and GitOps workflows with Argo CD for automated and reliable Kubernetes deployments; configured Nginx Ingress Controller for secure routing and load balancing; enhanced scalability, modularity, and observability of cloud-native workloads using AWS best practices.



## KNOWLEDGE PREVIEW

Cloud Infrastructure Deployment & Management

Continuous Integration / Continuous Deployment (CI/CD)

Infrastructure as Code (IaC) Automation

Cloud Security & Access Management

Monitoring, Logging & Performance Tuning

Serverless Computing & Event-Driven Architectures

Cost Optimization & Resource Scaling



## CERTIFICATIONS

**AWS Solution Architect Associate**  
Cloud Folks Hub

**DevOps**  
Cloud Folks Hub



## EDUCATION

**2020:** B. Tech: Mechanical Engineering  
KIT, BPUT, BAM., CGPA: 7.5

**2015:** Diploma: Mechatronics  
JNTC, NTTF, TATA, BAM., CGPA: 7.4

**2012:** Class X | SSVM, Ramhari Nagar,  
BAM. 2012, Percentage: 74%



## SOFT SKILLS

Collaborator



Communicator



Innovative



Analytical



Problem-Solver



## PERSONAL DETAILS

**Date of Birth:** 4<sup>th</sup> May 1997

**Languages Known:** English, Hindi, Odia

**Address:** Bengaluru, India 560103