**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.

**TECHNICAL SKILLS**



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| **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 |

 **KNOWLEDGE PREVIEW**

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 **CERTIFICATIONS**

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| **AWS Solution Architect Associate** |
| Cloud Folks Hub |

**DevOps**

Cloud Folks Hub

 **EDUCATION**

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| **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%

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**https://github.com/PRASADD65** 

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.*

**PERSONAL DETAILS**



**Date of Birth:** 4th May 1997

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

**Address:** Bengaluru, India 560103

 **SOFT SKILLS**

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**PROFILE SUMMARY**



* Hands on experience managing AWS infrastructure and Kubernetes clusters (EKS).
* Skilled in CI/CD automation using GitHub Actions and Jenkins.
* Proficient in Terraform for infrastructure provisioning.
* Familiar with cloud-native architecture and microservices.
* Hands-on with monitoring tools: CloudWatch, Prometheus, ELK.
* Strong grasp of cloud security and cost optimization practices.