

Pratapareddi Jagannath Kurlageri

DevOps & Cloud Engineer

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SUMMARY

DevOps & Cloud professional with hands-on experience in AWS cloud infrastructure, application deployment, Linux administration, Docker, and CI/CD practices. Experienced in conducting practical training sessions on AWS, DevOps tools, cloud deployment, and containerization. Skilled in AWS EC2, S3, IAM, Docker, GitHub Actions, Jenkins, Terraform, Kubernetes, and monitoring tools, with a strong focus on practical learning and real-world deployment workflows.

TECHNICAL SKILLS

Containers:	Docker, Docker Compose, Kubernetes (Minikube), AWS EKS, Helm
CI/CD:	GitHub Actions, Jenkins
Infrastructure as Code:	Terraform
Cloud (AWS):	EC2, S3, IAM, Security Groups, EKS, CloudWatch, CloudTrail
Monitoring & Observability:	Prometheus, Grafana, Node Exporter, AWS CloudWatch
Scripting / Programming:	Python, Bash
OS:	Linux (Amazon Linux 2023)
Version Control:	Git, GitHub
Other:	Linux, Git, GitHub, SSH, Nginx, DockerHub, YAML

PROJECTS

CI/CD Pipeline with Docker and GitHub Actions

Containerized a web app behind Nginx and set up a GitHub Actions pipeline that builds the image and pushes it to DockerHub on every push to main, then deploys it to an EC2 instance reachable over its public IP. Kept credentials in GitHub Secrets rather than in the repo.

Kubernetes Orchestration with Minikube

Ran a local Kubernetes cluster on EC2 using Minikube. Wrote a Deployment manifest running the app across 2 replicas and exposed it with a NodePort. Tested self-healing by deleting pods and confirming they came back, and scaled the deployment from 2 to 4 replicas with `kubectl scale`.

EXPERIENCE

DevOps & Cloud Trainer — Pixlpro Consulting Services Pvt. Ltd. (A DevDigital Company) Jan 2025 – Jun 2025

- Conducted hands-on training sessions on AWS, Linux, Docker, Git, and basic DevOps practices for learners.
- Delivered practical sessions covering AWS EC2 deployment, server configuration, application hosting, and cloud administration.
- Guided learners through CI/CD concepts, Docker containerization, GitHub Actions, and basic infrastructure automation.

DevOps & Cloud Engineer — Pixlpro Consulting Services Pvt. Ltd. (A DevDigital Company) Jun 2025 – Jun 2026

- Managed AWS EC2 instances for application hosting, server setup, configuration, and day-to-day cloud administration.
- Deployed and maintained applications on AWS cloud servers, troubleshooting deployment and server-related issues to ensure reliable operations.
- Worked with Docker, GitHub Actions, and Jenkins to support containerized application deployments and CI/CD workflows.
- Used Terraform, Linux, and AWS services including EC2, S3, IAM, Security Groups, and CloudWatch for infrastructure provisioning, administration, and monitoring.

EDUCATION

B.E., Computer Science & Engineering — KLE Institute of Technology, Hubli, Karnataka

2024

Coursework: Operating Systems, Computer Networks, Cloud Computing, Database Management.