

Tejaswi Pathak

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PROFESSIONAL SUMMARY

Cloud & DevOps Practitioner with hands-on experience in **automation**, **AWS**, **containerization** and **CI/CD pipeline development**. Skilled in **Docker**, **Kubernetes**, **Jenkins**, **IaC (Terraform)** and **GitOps**, with a strong focus on building **scalable**, **reliable systems** and enhancing **software delivery** through **automation** and **continuous improvement**.

TECHNICAL SKILLS

- **Containers & Orchestration:** Docker, Kubernetes (Minikube, EKS)
- **Cloud Platforms:** AWS (EC2, S3, IAM, VPC, EKS, CloudWatch)
- **CI/CD Tools & Practices:** Jenkins (Pipeline as Code), ArgoCD (GitOps-based CD), Docker Hub (image automation), Rolling Updates & Zero-Downtime Deployment.
- **Operating Systems, Networking & System Tools:** Linux (RHEL), NGINX (Reverse Proxy / Load Balancer), CLI
- **Scripting & Programming:** Bash, Shell, Python
- **Version Control & Collaboration:** Git, GitHub, Agile/DevOps Practices
- **Monitoring & Observability:** Prometheus, Grafana
- **Soft Skills:** Communication, Collaboration, Problem-Solving, Time management, Adaptability & Flexibility, Critical Thinking, Continuous Learning

EXPERIENCE

- **Position:** DevOps Technical Intern **Jan 2025 – Present**
- **Company:** LinuxWorld Informatics Pvt Ltd
- Gained **hands-on expertise in containerization, orchestration, and cloud infrastructure** using Docker, Kubernetes (Minikube/EKS), Jenkins, and AWS.
- **Designed, implemented, and optimized CI/CD pipelines**, automating application deployment and infrastructure provisioning using Jenkins, Terraform, and GitOps-based workflows via ArgoCD.
- Authored **technical documentation, blogs, and knowledge-sharing materials**, accelerating team onboarding and fostering a collaborative DevOps culture.

PROJECTS

- 1. GitOps-Based NGINX Reverse Proxy Deployment** [GitHub]
 - **Tech Stack:** Docker, Kubernetes, NGINX, ArgoCD, GitHub, Bash
 - Designed and deployed a **GitOps-driven NGINX reverse proxy** system using **ArgoCD** for declarative infrastructure management.
 - Containerized custom **NGINX config** with Docker; automated builds and pushes using Bash scripts and DockerHub.
 - Used Kubernetes YAML manifests for deployment automation with real-time GitHub-to-cluster synchronization.
 - Enabled auto-healing, pruning, and rollback via ArgoCD sync policies for consistent and resilient infrastructure.
 - Impact:** Achieved **100% automated deployment**, reduced manual intervention by **80%**, and ensured high availability of routing services.
- 2. CI/CD Pipeline for Multi-Container Application using Jenkins, Docker, and Kubernetes** [GitHub]
 - **Tech Stack:** Jenkins, Docker, Docker Hub, Kubernetes (Minikube), GitHub, Python, AWS EC2, Shell Scripting
 - Designed and implemented a **CI/CD pipeline** using **Jenkins**, automating **build**, **test**, and **deployment** for a multicontainer microservices app.
 - Integrated **GitHub webhooks** to trigger builds; added **automated unit testing** and **Docker** image builds.
 - Pushed Docker images to **Docker Hub** and deployed to **Kubernetes** using rolling updates for zero-downtime releases.
 - Impact:** Achieved **fully automated deployments** and reduced release time by over **80%**.

EDUCATION

MGM's Jawaharlal Nehru Engineering College, Chh.Sambhajinagar, Maharashtra
Bachelor of Technology (B.Tech) in Computer Science & Engineering (CSE)

Year: 2021 – 2025

CERTIFICATIONS

- Kubernetes Foundation Training (LinuxWorld Informatics)
- Mastering Git & GitHub from Basic to Advanced (Udemy)