UJJAVAL PARMAR

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TECHNICAL SKILLS

Cloud & Infrastructure: AWS (EC2, VPC, IAM, ALB, Route 53, RDS, S3, Nitro Enclaves), Terraform, VPC Networking, Security Groups, TLS/SSL Configuration

Container Orchestration: Kubernetes (EKS, MicroK8s, KubeADM), Helm Charts, Docker, Docker Compose

CI/CD & GitOps: Jenkins, ArgoCD, GitOps Workflows, Bitbucket Pipelines, Automated Deployments

Monitoring & Logging: ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, New Relic, Centralized Logging

Automation & Configuration: Ansible, Bash Scripting, Python Automation

Databases: PostgreSQL, MySQL, Redis

Technology Stacks: Java, NodeJS, ReactJS, NextJS, NX Monorepo, Rust, Python, LAMP Stack

PROFESSIONAL EXPERIENCE

Associate DevOps Engineer

GlobalVoxInc | Ahmedabad, Gujarat | January 2024 – Present

- Architected and deployed CI/CD pipelines using Jenkins and ArgoCD, achieving 50% reduction in deployment time and enabling continuous delivery for 5+ microservices across multiple environments
- Deployed AWS Nitro Enclaves for secure processing of sensitive workloads, enhancing data protection and ensuring compliance with security best practices
- Established centralized logging infrastructure using ELK Stack (Elasticsearch, Logstash, Kibana), reducing debug time by 40% and improving incident response capabilities
- Implemented comprehensive monitoring solutions with Prometheus, Grafana, and New Relic for proactive issue detection and system health management
- Managed Kubernetes clusters ensuring zero downtime deployments with automated rollback capabilities, health checks, and high availability configurations
- Automated infrastructure provisioning and configuration management using Bash and Python scripts, improving workflow efficiency and optimizing load distribution across systems

Software Engineering Trainee (Internship)

GlobalVoxInc | Ahmedabad, Gujarat | January 2024 – June 2024

- Implemented SSL/TLS certificates for internal domains to enhance security posture and ensure encrypted communications
- Configured Kubernetes deployments with high availability strategies, achieving zero downtime for production applications

EDUCATION

Bachelor of Technology in Computer Science & Engineering

Pandit Deendayal Energy University | **CGPA: 8.9/10.0** | 2020 – 2024

- NPTEL Certification: Data Analytics with Python (79%)

KEY PROJECTS

Automated GitOps CI/CD with Kubernetes & ArgoCD

- Designed multi-branch GitOps CI/CD pipeline using Jenkins with automated manifest and image tag updates, enabling seamless deployments for 5+ microservices
- Integrated Docker Hub as container registry with version management and automated Jenkins pipelines for efficient image builds
- Implemented Doppler for secure secret management, injecting environment-specific secrets without exposing them in code repositories
- Created reusable Helm charts for simplified service onboarding and configured ArgoCD with RBAC for GitOps-based continuous delivery

Scalable & Secure AWS Architecture with Load Balancing

- Architected highly available AWS infrastructure with multi-AZ deployment strategy, achieving 99.99% uptime SLA
- Deployed VPC with multiple subnets across availability zones and configured Application Load Balancer for intelligent traffic distribution
- Implemented secure routing tables, network security groups, and Internet Gateway for optimized internal communication and controlled external access
- Automated complete infrastructure provisioning using Terraform for infrastructure-as-code best practices and version control