Hardik Ajmeriya

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Education

Amity University Mumbai **Aug 2024 – May 2026**
Master of Computer Applications (MCA), Information Technology *CGPA: 7.64/10*

Marwadi University **Jan 2021 – Jun 2024**
Bachelor of Computer Applications (BCA), Information Technology *CGPA: 7.29/10*

Technical Skills

Cloud & DevOps: Amazon Web Services (AWS EC2, S3, EKS, Lambda, CloudFormation), Docker, Kubernetes, Terraform, Jenkins, ArgoCD, CI/CD Pipelines
Programming Languages: JavaScript, Node.js, Python, Java, SQL
Web Development: React.js, HTML5, CSS3, Bootstrap, Tailwind CSS, Responsive Design
Backend Technologies: Node.js, Express.js, RESTful APIs, MongoDB, MySQL, PostgreSQL
DevOps Tools: Git, GitHub Actions, GitLab CI, GitOps, Prometheus, Grafana, Helm, Linux, Bash Scripting

Projects & Experience

End-to-End DevOps GitOps Implementation (AWS EKS + ArgoCD) **2025**
- Designed and implemented an end-to-end DevOps workflow following GitOps principles using ArgoCD on AWS EKS.
- Provisioned cloud infrastructure using Terraform, including VPC, EKS cluster, IAM roles, and networking components.
- Configured IAM OIDC provider for secure Kubernetes authentication and deployed ArgoCD with external LoadBalancer access.
- Set up AWS Load Balancer Controller with appropriate IAM permissions to manage Kubernetes ingress resources.
- Containerized microservices using Docker, built versioned images, and managed deployments through GitOps workflows.
- Implemented automatic application synchronization and cluster state management using ArgoCD.

Kubernetes Monitoring with Prometheus & Grafana **2025**
- Implemented monitoring and observability for a Kubernetes cluster using Prometheus and Grafana.
- Deployed Prometheus and Grafana using Helm charts to collect and visualize cluster and application metrics.
- Monitored pod health, CPU and memory usage, and service-level metrics through Grafana dashboards.
- Validated monitoring setup using a Kubernetes-based application deployed on a local kind cluster.
- Project Repository: github.com/hardik-ajmeriya/k8s-kind-voting-app

CI/CD Pipeline Automation with Jenkins and Docker **2024**
- Designed and implemented a CI/CD pipeline using Jenkins for automated build and deployment workflows.
- Integrated GitHub repository triggers to initiate pipeline execution on code commits.
- Built Docker images as part of the pipeline and deployed containerized applications.
- Implemented basic failure handling and rollback mechanisms to improve deployment reliability.
- Project Repository: github.com/hardik-ajmeriya/CI-CD-Pipeline

Certifications

Professional: Ultimate DevOps Project Implementation, AWS Solutions Architecture Job Simulation
Additional: Bootstrap Framework, GitOps Fundamentals

Key Achievements

- Successfully implemented an end-to-end DevOps GitOps workflow on AWS EKS using ArgoCD for automated and consistent deployments.
- Provisioned and managed cloud infrastructure using Terraform, enabling reproducible and scalable AWS environments.
- Designed and automated CI/CD pipelines using Jenkins and Docker to streamline build and deployment processes.
- Containerized applications and deployed them on Kubernetes, gaining hands-on experience with cloud-native deployment practices.
- Implemented Kubernetes monitoring using Prometheus and Grafana to visualize pod health and resource utilization.