

Devi Vara Prasad Reddy Kadimisetti

DevOps Engineer

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CAREER OBJECTIVE

Aspiring and motivated **DevOps Engineer** with solid foundational training from **Emexo Technologies** and hands-on internship experience in real-time projects. Seeking a challenging entry-level role where I can apply my knowledge of **CI/CD pipelines, Docker, Kubernetes, AWS, Terraform, and Ansible** to support software development and deployment processes. Passionate about automation, cloud computing, and continuous improvement, with a strong desire to contribute to a dynamic team and grow as a professional in the DevOps domain.

PROFESSIONAL TRAINING

- **Emexo Technologies, Bangalore**
DevOps Training Program

EDUCATION

Aditya College of Engineering, Surampalem

August 2019 – August 2023

Bachelor of Technology (Specialization: Electronics & Communication Engineering)

CGPA: 7.36

Sri Chaitanya Jr College, Kakinada

June 2017 – March 2019

Board of Intermediate Education (Specialization: MPC)

CGPA: 9.5

Zilla Parishad High School, Mulapeta

June 2016 – April 2017

Board of Secondary Education

CGPA: 9.3

TECHNICAL SKILLS

- **Version Control System:** Git, GitHub & GitLab
- **Containerization:** Docker
- **Orchestration:** Kubernetes
- **Operating system:** Linux (Ubuntu)
- **Continuous Integration & Continuous Deployment (CI/CD):** Jenkins, GitHub Actions
- **Configuration Management:** Ansible
- **Cloud Computing Platform:** AWS (EC2, S3, VPC, IAM)
- **Scripting Language:** Shell (Basics)
- **Networking Fundamentals:** DNS, Load Balancer
- **Virtualization Technologies:** VMware and Virtual Box
- **Programming Language:** Python (Basics)
- **Monitoring Tool:** New Relic, Grafana & Prometheus
- **Code Analysis:** SonarQube

SOFT SKILLS

- Collaboration and Teamwork
- Adaptability and Flexibility
- Continuous learning and Improvement
- Leadership and Mentoring

INTERNSHIP

DevOps Engineer Intern (Nov 2024 – May 2025), The Coding Cult Company – Hyderabad

- Built end-to-end CI/CD pipelines using Jenkins and GitHub Actions for container-based deployments on AWS EC2.
- Dockerized Spring Boot and Node.js applications for seamless environment replication.
- Created Kubernetes clusters using minikube and kops, configured Ingress for subdomain routing.
- Used Terraform to provision AWS resources like EC2, VPCs, S3 buckets and IAM roles.

PROJECTS AND INTERNSHIP

Automated Application Deployment Using EC2, GitOps, Kubernetes, Git, Linux & Docker.

https://github.com/Devivaraprasadreddy/automated_deployment_pipeline.git

Technologies: AWS EC2, Kubernetes, Docker, Git, GitOps, Linux and YAML.

Key Responsibilities:

- Designed and implemented a GitOps-based automated deployment pipeline using AWS EC2, Docker, and Kubernetes.
- Configured Linux instances as infrastructure, containerized applications with Docker, and orchestrated workloads via Kubernetes.
- Managed IaC and source code using Git, automated deployments with YAML manifests, and secured remote access using SSH key-based authentication.
- Utilized Linux shell scripting to automate deployment workflows and system tasks.

Kubernetes Deployment with ArgoCD and GitOps.

https://github.com/Devivaraprasadreddy/kubernetes_argocd_deployment.git

Technologies: Kubernetes, ArgoCD, GitOps, Git, Docker, Linux, Helm, Customize, YAML, Kubernetes Dashboard, Port Forwarding.

Key Responsibilities:

- Configured and deployed ArgoCD in a Kubernetes environment to enable automated, Git-driven continuous deployments.
- Integrated Git repositories as the source of truth, used Helm and Kustomize for scalable configurations, and set up port forwarding for secure local access to ArgoCD and Kubernetes dashboards.
- Enabled real-time updates by automating sync between **Git commits** and Kubernetes clusters using ArgoCD.

Java Microservice CI/CD with Jenkins, Docker, Maven & AWS ECR.

<https://github.com/Devivaraprasadreddy/microservice-app1.git>

Technologies: Java 11, Maven, Docker, Jenkins, AWS ECR, Linux, Git and Microservices.

Key Responsibilities:

- Built a Maven-based Java microservice, containerized it using Docker, and automated the end-to-end deployment using a Jenkins CI/CD pipeline.
- Integrated with GitLab for version control and deployed Docker images to AWS ECR using secured credentials.
- Enabled a GitOps workflow to trigger automated builds and deployments on every code change, ensuring a scalable and reusable pipeline for enterprise-grade applications.

Deployed and hosted a website using an Amazon S3 bucket with a custom domain (e.g., *devi.soft-volt.com*). (07/2024-09/2024)

Technologies: AWS S3, Route 53, CloudFront, AWS CLI, DNS configuration and Jenkins Pipeline.

Key Responsibilities:

- Configured an S3 bucket for static website hosting, including file uploads and content delivery.
- Set up a custom domain (*devi.soft-volt.com*) and integrated it with the S3 bucket using Route 53 for DNS management.
- Configured bucket policies for public access and ensured secure data transfer through SSL/TLS using AWS Certificate Manager.
- Managed content delivery and caching with Amazon CloudFront for enhanced website performance.

CERTIFICATIONS

- **Python (Basic) Certificate** – Hacker Rank
- **DevOps Certificate** – eMexo Technologies

DECLARATION

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the details mentioned in this resume.

Date:

K.D.V.P.Reddy

Place: Kakinada