Vamshi Chereddy

**DevOps Engineer**

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# Objective

Professional DevOps Engineer with 3 years of experience in CI/CD pipelines, cloud infrastructure, and automation. Seeking to leverage expertise in AWS, Jenkins, Docker, Kubernetes, Terraform, and DevOps methodologies in a challenging DevOps Engineer role at an innovative company.

# Professional summary

Over 3 years of hands-on experience in DevOps and Cloud technologies, specializing in automating CI/CD pipelines using Jenkins, managing cloud infrastructure with AWS and Azure, and deploying applications with Docker and Kubernetes. Proven ability to reduce deployment errors by 20% and infrastructure costs by 15%. Certified AWS Solutions Architect and Google Cloud Engineer.

# Professional Experience

**Client: Telecom Company**  
**Role**: Application Development Analyst  
**Duration**: 1/10/2022 – Present

**Responsibilities** :

* Designed Jenkins-based CI/CD pipelines, automating end-to-end processes and reducing deployment errors.
* Implemented Jenkins CI/CD pipelines with declarative syntax, resulting in reducing deployment time by 40% and cutting deployment preparation time by 35%.
* Streamlined CI/CD pipeline for Java applications using Maven, achieving a 20% reduction in build times.
* Developed and managed Docker containers, pushing images to Docker Hub.
* Implemented Python scripts to automate 10+ manual tasks, increasing data processing speed by 40% and ensuring 100% compliance with regulatory standards.
* Conducted resource allocation and utilization analysis, optimizing container resource limits and minimizing infrastructure costs.
* Established monitoring and alerting systems using Prometheus and Grafana, reducing system downtime by 15%.
* Created and maintained comprehensive technical documentation for the project.
* Collaborated with cross-functional teams to ensure seamless project delivery in an Agile environment.
* Analyzed application logs to determine the possible causes of issues and reported errors directly to the development team.

**Clinet: Accenture Internal**  
**Role:** Application Development Associate  
**Duration:** 14/7/2021 – 30/9/2022

**Responsibilities** :

* Collaborated with clients to understand requirements in an Agile setting, updating tasks in Jira and participating in daily stand-up calls.
* Administered code branches in Bitbucket, merging and deploying through Jenkins to AWS environments.
* Provisioned AWS cloud infrastructure using Terraform and configured services with Ansible.
* Orchestrated Kubernetes clusters, maintaining PODs and resolving build and environment issues.
* Monitored deliverables actively, ensuring project timelines were met and issues were promptly addressed.

# Certifications

* AWS Certified Cloud Practitioner
* AWS Certified Solutions Architect Associate
* Google Cloud Certified: Cloud Digital Leader
* Google Cloud Certified: Associate Cloud Engineer

# Education

**B. Tech (Mechanical Engineering)**  
VFSTR (Deemed to be University), Vadlamudi, Andhra Pradesh  
Percentage: 88%  
2018-2021

# Technical Skills

* **Cloud Platforms**: AWS, Azure, GCP
* **Version Control Systems**: Git
* **Operating Systems**: Linux, Windows
* **Build Tools**: Maven
* **Continuous Integration Tools**: Jenkins, GitLab
* **Containerization and Orchestration**: Docker, Kubernetes, Helm
* **Infrastructure as Code**: Terraform, Ansible, CloudFormation
* **Scripting Languages**: Python, Shell Scripting
* **Monitoring and Logging**: Prometheus, Grafana
* **Ticket Tracking Tool**: Jira

# Declaration

I hereby declare that the information provided is true and correct to the best of my knowledge and belief.

Place: Hyderabad  
(CH. VAMSHI KRISHNA REDDY)