

# Vamshi Chereddy

DevOps Engineer

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## Objective

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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

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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

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**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.

**Client:** 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

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

## Education

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### B. Tech (Mechanical Engineering)

VFSTR (Deemed to be University), Vadlamudi, Andhra Pradesh

Percentage: 88%

2018-2021

## Technical Skills

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- **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

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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)