FIRST NAME Bhargav Kumar

SURNAME Vemulapalli

Job title: DevOps & Cloud Engineer

EDUCATION

- B.Tech — SCET — CGPA: 8.08
- Diploma — 78.08%
- SSC — GPA: 8.5

PROFILE

DevOps Engineer with 4 years of experience in multi-cloud environments (AWS and Azure), specializing in CI/CD automation, Infrastructure as Code (Terraform), containerization (Docker), and orchestration using Kubernetes. Experienced in designing scalable cloud infrastructure, implementing monitoring solutions using CloudWatch, and automating deployments to improve system reliability, security, and operational efficiency.

CONTACT

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Residence and postal address:

House Nr. :

Street :

City :

ZIP Code :

Country :

India

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WORK EXPERIENCE

DevOps Engineer (AWS & Azure) | Wissen Infotech Pvt Ltd | India

Nov 2021 – Sep 2025

- Designed and managed end-to-end CI/CD pipelines using AWS CodePipeline, CodeBuild, and CodeDeploy for automated build, testing, and deployment of applications
- Designed and managed end-to-end CI/CD pipelines using AWS CodePipeline, CodeBuild, CodeDeploy, and Jenkins for automated build, testing, and deployment of applications
- Designed and managed CI/CD pipelines using Azure DevOps, including build and release pipelines
- Implemented monitoring and logging using AWS CloudWatch, Azure Monitor, and Log Analytics
- Implemented Git governance using AWS CodeCommit, including branching strategies, pull request approvals, and merge control policies
- Built and managed Jenkins pipelines (Declarative & Scripted) integrated with Git and Docker for continuous integration and deployment
- Containerized applications using Docker and published optimized images to Amazon Elastic Container Registry (ECR)
- Built monitoring dashboards using AWS CloudWatch and configured alarms and SNS alerts for proactive issue detection
- Automated server patching, log rotation, cleanup tasks, and health checks using Bash scripting
- Implemented security best practices including IAM roles & policies, MFA, SSL/TLS encryption, and secure access controls

KEY PROJECTS

Cleveland Clinic – DevOps Automation & CI/CD Modernization

- Designed a highly available and scalable AWS architecture using EC2, Application Load Balancer, and Auto Scaling Groups
- Developed Jenkins pipelines (Declarative & Scripted) to automate build, test, and deployment stages, improving release efficiency and reducing manual intervention.
- Provisioned and managed AWS infrastructure including EC2, S3, IAM, VPC, Application Load Balancer, and Auto Scaling Groups
- Automated infrastructure provisioning using Terraform and configuration management using Ansible
- Containerized applications using Docker and managed images through Amazon ECR
- Deployed applications on EC2 instances using AWS CodeDeploy, ensuring high availability and zero downtime deployments
- Implementing monitoring solutions using AWS CloudWatch and Azure Monitor

KEY ACHIEVEMENTS

- Reduced release cycle time by 40% through CI/CD automation.
- Improved application deployment reliability to 99.9% uptime.
- Achieved 99%+ patch and security compliance across environments.
- Improved operational efficiency by automating repetitive operational tasks.

LANGUAGES

Language	Level
Telugu	Native speaker
English	C1

TECHNICAL SKILLS

CI/CD: Jenkins, AWS CodePipeline, Azure DevOps
Cloud Platforms: AWS, Azure
Source Control: Git, Branching Strategies, Pull Requests, Code Reviews
AWS Services: EC2, S3, IAM, VPC, CloudWatch, Auto Scaling, ELB
Containers & Orchestration: Docker, Kubernetes, Helm
Infrastructure as Code: Terraform, Ansible
Scripting: Bash, Shell
Monitoring & Logging: AWS CloudWatch, Azure Monitor

CERTIFICATES AND AWARDS

AWS Certified Solutions Architect – Associate (SAA-C03)