# Jayanth Kumar Naidu Kandala

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## Summary

Multi-Cloud DevOps Engineer (Fresher) with hands-on expertise in AWS, Azure, and GCP through projects and self-driven implementations. Skilled in Kubernetes, CI/CD (Jenkins, GitHub Actions), and IaC (Terraform, CloudFormation), with a passion for designing scalable, automated, and secure DevOps solutions.

## Technical Skills

- **Containerization:** Docker, Kubernetes, EKS, AKS, GKE
- **CI/CD:** Jenkins, GitHub Actions, ArgoCD, Helm
- **IaC:** Terraform, CloudFormation
- **Monitoring/Logging:** Prometheus, Grafana, ELK Stack
- **Programming/Scripting:** Python, Bash, PowerShell
- **Version Control:** Git, GitHub, GitLab
- **Security tools :** Owasp, SonarQube, Trivy
- **Other Tools:** AWS Load Balancer Controller, Ansible

## Education

**Sri Venkateswara College of Engineering, Tirupati**                         **2021–2025**
*B.Tech, Computer Science & Engineering (Data Science)*                      *CGPA: 7.50*

## Projects

**AWS Cloud Infrastructure Deployment**
– Tech Stack: Git, GitHub, AWS, Terraform, HCP.

– Automated a secure multi-tier AWS architecture (VPC, subnets, NAT, IGW) using Terraform with GitHub version control

– Ensured scalability and high availability with Auto Scaling Groups, Elastic Load Balancer, and private subnet database deployments.

**DevOps CI/CD Pipeline with AWS Deployment**
– *Tech Stack: Jenkins, Maven, Git, Terraform, Ansible, AWS, Tomcat, Nexus, Prometheus, Grafana, OWASP, SonarQube, Trivy*

– Built an end-to-end CI/CD pipeline for a Java web app with automated build, testing, provisioning (Terraform), deployment (Ansible), and artifact management (Nexus).

– Reduced deployment effort and improved release reliability by integrating Prometheus–Grafana for monitoring and alerting.

**Kubernetes Deployment on AWS EKS (2048 Game App)**
– *Tech Stack: Amazon EKS, Kubernetes, Helm, AWS Load Balancer Controller, ALB, Ingress*

– Deployed and scaled the 2048 Game app on Amazon EKS using Helm and Ingress, enabling external access via ALB with DNS verification.

– Strengthened Kubernetes expertise in scaling, networking, and AWS integration through real-world troubleshooting.

## Certifications

– AWS Simu Learn Cloud Practitioner
– Earned AWS Educate Cloud Computing 101 Badge
– Python Programming (NPTEL)
– Python Basics for Data Science, Introduction to SQL (EDX)

## Achievements & Leadership

– GDSC Executive Team Member: Contributed to organizing DevOps workshops and collaborating on cloud projects
– Appointed Chair, IEEE Computer Society Student Chapter: Led initiatives to foster technical learning and teamwork