

# Kaigala Bala Venkata Subramanyam

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## Career Objective

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AWS DevOps Engineer with hands-on experience in CI/CD pipelines, containerization, Linux, cloud services, and infrastructure automation. Seeking a role to improve deployment reliability, scalability, and cloud operational efficiency.

## Technical Skills

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**Cloud:** AWS (EC2, IAM, VPC, ELB, ASG, S3, RDS, Lambda), Terraform, Ansible

**CI/CD:** Jenkins, CodePipeline, Git, GitHub

**Containers:** Docker, Kubernetes

**Monitoring:** Prometheus, Grafana

**Scripting:** Bash, Python    **OS:** Linux, Windows

**Servers:** Nginx, Apache, Tomcat    **Build Tools:** Maven

## Projects

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**Dockerizing Application & Kubernetes Deployment**    (Docker, Kubernetes, Jenkins, Prometheus, Grafana)

- Containerized application using Docker and deployed on Kubernetes ensuring 100% environment consistency.
- Automated CI/CD pipeline using Jenkins reducing deployment time by **40%**.
- Implemented monitoring using Prometheus and Grafana improving issue detection and response time by **30%**.

**Infrastructure Automation using Jenkins & Terraform**    (Terraform, AWS, Jenkins, Git)

- Provisioned AWS resources using reusable Terraform modules achieving **95% repeatable deployments**.
- Integrated Jenkins pipelines to fully automate provisioning reducing manual workload by **60%**.
- Improved infrastructure stability and cost visibility through standardized resource tagging.

## Internship

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**AWS DevOps Intern**

Oct 2024 – Mar 2025

SocialTek AI & ML Business Solutions Pvt Ltd, Hyderabad

- Worked on automation, deployment pipelines, and cloud environment setup.
- Collaborated with engineering teams to maintain scalable and reliable cloud systems.

## Education

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**B.Tech in Information Technology**

2020 – 2024

SRKR Engineering College, Bhimavaram

CGPA: 6.8

## Certifications

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AWS Academy Graduate - Cloud Foundations

AWS Academy Graduate - Data Engineering

AWS Academy Graduate - Machine Learning Foundations

HackerRank Certification in Python (Basic)

## Languages

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English (Fluent), Telugu (Native)