kodiganti sudharshan

Software Engineer

# Profile Summary

4 Years 8 Months

sudharshankodiganti4h8@g mail.com

(+91) 8886413186

# Key Skills

**git maven jenkins**

**ansible Docker Terraform Kubernetes AWS**

**Cloud**

Seasoned professional with a comprehensive background spanning two years as an AWS Cloud Engineer and three years as a DevOps Engineer. Proficient in designing, implementing, and optimizing AWS cloud solutions, utilizing services like EC2, S3, Lambda, and VPC to meet business needs effectively. Skilled in infrastructure as code (IaC) methodologies using Terraform for automated cloud resource provisioning and configuration management.

Hands-on experience in designing, implementing, and managing CI/CD pipelines, infrastructure automation, and cloud environments. Proficient in utilizing a wide range of tools and technologies such as AWS, Docker, Kubernetes, Terraform, Jenkins, and Ansible to streamline software delivery processes and optimize system performance. Skilled in scripting Bash to automate repetitive tasks and improve efficiency. Proven ability to collaborate cross- functionally with development, operations, and QA teams to achieve organizational goals. Dedicated to implementing

**Google Cloud Services**

**Shell Scripting**

# Certification

**Linux**

# Education

2019, Full Time

B.Tech/B.E., Electronics/Telecommunication

**Rajeev Gandhi Memorial College of Engineering & Technology, Kurnool**

**AWS Certified Cloud Practitioner (Valid upto August 2026)**

## Docker for the Absolute Beginner

**- Hands On - DevOps**

## AWS Certified Solution Architect Associate , Amazon Web Services (Amazon Web Services)

**Google Cloud Certified Associate Cloud Engineer (Valid upto February 2027)**

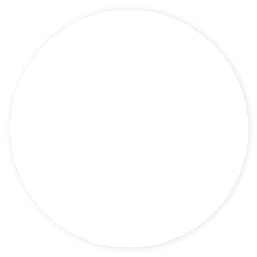
2015

**12th, Andhra Pradesh, English,** 95-99.9%

2013

**10th, Andhra Pradesh, English,** 90-94.9%

# Work Experience



**City**

# Personal Information

Hyderabad

**Key Result Area**

2021 - Present

Software Engineer

**Cognizant technology solutions**

Deploying end product in tomcat web server and other

application servers before production.



**Country**

INDIA

**Languages**

English, Telugu

Monitoring of all the Services running on the servers. Integrated tools with Jenkins like Git, Maven, Nexus, Ansible,

and Tomcat, Terraform.

Worked on Jenkins by installing, configuring, and maintaining continuous integration (CI) and End-to-End automation for all builds and deployments

Configured many scheduled projects to run frequently without the manual trigger.

In case of any new project setup, creation of new jobs in Jenkins for some basic tasks.

Configuring pre and post-build actions in Jenkins as per project requirements

Deploying artifacts like JAR, and WAR, into application servers Apache Tomcat and storing them on Artifactories.

Used Ansible vault to secure information like passwords and secret key files.

Making configuration changes on Servers using Ansible Writing Playbooks for automating the daily tasks with Ansible

Roles.

Taking backups of Instances and taking backups of Production Databases and Providing them to Developers on Staging/ Testing Environments for testing of any issues

Pulling the Artifacts from the Nexus and Deploying them to the Tomcat server through the Ansible Playbooks.

Maintaining Confluence pages for the Documentation for Daily tasks.

Creating servers, AMIs, and storage blocks in S3 taking snapshots, VPCs, subnets, load balancing, and Auto-scaling in AWS.

Administering users, groups, and roles & setting up policies by using IAM and also Creating VPCs, S3 buckets, and Ec2 Instances automating them through Terraform.

Manage and configure AWS services as per the business needs (ELB, EC2, S3, IAM, and VPC).

2019 - 2021

Associate System Engineer

**Tata Consultancy Services (TCS)**

## Key Result Area

Deployed and managed AWS cloud infrastructure, including EC2 instances, S3 buckets, and VPCs, ensuring high availability and scalability.

Automated infrastructure provisioning and configuration using Terraform, reducing deployment time by 50%.

Implemented monitoring solutions with CloudWatch to track system performance and cost optimization, resulting in a 20% reduction in cloud spending.

Enhanced security posture by implementing IAM policies, encryption, and network security controls, ensuring compliance with industry standards.

Collaborated with development and operations teams to design CI/CD pipelines, improving software delivery efficiency and reliability.