

Sreenivasulu Ramanaboina

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EDUCATION

Southeast Missouri State University
Applied Computer Science, GPA 3.8

Cape Girardeau, MO
2023 - 2025

INTRENSHIP

Tecbeans

Dallas, Texas

SDE Intern

January 2025 – Present

- Designed and deployed **Azure cloud infrastructure** using **Terraform & ARM Templates**, reducing provisioning time by **40%**.
- Engineered and automated **CI/CD pipelines** with **Azure DevOps & GitHub Actions**, cutting deployment failures by **50%**.
- Orchestrated containerized applications with **Docker & Azure Kubernetes Service (AKS)**, maintaining **99.9% uptime**.
- Enhanced security by configuring **Azure Networking (VNet, NSG, Load Balancer, App Gateway)**, reducing latency by **30%**.

EXPERIENCE

Wissen Infotech

Bangalore, India

Senior Software Engineer

March 2022 – August 2023

- Improved cloud observability and monitoring Configured AWS CloudWatch and integrated it with Grafana, increasing monitoring efficiency for AWS resources.
- Implemented and optimized **AWS cloud solutions** for **Morgan Stanley**, lowering infrastructure costs by **30%** and improving system efficiency by **25%**.
- Led **Cloud Networking architecture** (VPC, Direct Connect, Transit Gateway), enhancing security and hybrid cloud connectivity.
- Deployed and managed **Kubernetes (EKS) auto-scaling** for **100+ microservices**, decreasing downtime by **35%**.
- Spearheaded **Infrastructure as Code (IaC) automation** with **Terraform & Ansible**, reducing manual provisioning efforts by **60%**.
- Enhanced observability by integrating **AWS CloudWatch & Grafana**, reducing incident response time by **20%**.
- Provided **L2/L3 support** for critical production issues, reducing resolution time by **40%**.

Ellipse Technologies Pvt Ltd

Chennai, India

System Engineer

November 2018 – March 2022

- Integrated DevOps frameworks, including Jenkins, and GitHub, to streamline CI/CD pipelines and improve deployment frequency by 40%.
- Designed and implemented **CI/CD pipelines** using **Jenkins & GitHub**, increasing deployment speed by **40%**.
- Automated infrastructure setup with **Ansible**, cutting manual configuration time by **50%**.
- Developed and enforced **Git branching strategies** (GitFlow, feature branching), improving team collaboration.
- Managed **Linux and Windows servers**, ensuring **99.5% uptime** for production and staging environments.
- Configured and maintained **Apache Tomcat & Nginx** for hosting applications, improving response time by 35%.

SKILLS

Cloud: AWS (EC2 - S3 - RDS - ECR - CloudFormation) - Azure (VM - Blob Storage - Azure DevOps).

DevOps: Terraform - Ansible - Jenkins - Docker - Kubernetes.

Monitoring: Prometheus - Grafana - Datadog - SonarQube –

Automation: Bash - Python - PowerShell.

Development & Databases: Java - Spring Boot - Python - MySQL - MongoDB - DynamoDB - Hibernate.

TECHNICAL PROJECTS

Cloud Infrastructure Automation with AWS & Terraform | [{Git}](#)

- Automated cloud infrastructure provisioning using **AWS** services (EC2, S3, RDS) and **Terraform**, reducing setup time by 50%.
- Implemented **Infrastructure as Code (IaC)** with **Terraform** for scalable, repeatable cloud infrastructure, ensuring consistency across multiple environments.

Three Tier CI/CD Pipeline Project | [{Git}](#)

- Designed and deployed a **three-tier multi-service CI/CD pipeline** using **Jenkins, GitHub Actions, and Docker**, ensuring streamlined integration and delivery across multiple microservices.
- Automated the testing and deployment of **microservices** to **Kubernetes (EKS)** using **Terraform** and **Helm**, reducing deployment errors by 30% and improving release frequency.

INVOLVEMENT & LEADERSHIP

Southeast Missouri State University

Graduate Assistant

Treasury – Indian Student Association

City, State

Cape Girardeau, MO

Cape Girardeau, MO