

## Srikanth Vasireddy

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<b>Contact:</b>
Phone No : +91-7981442980 E-mail : srikanthvasireddy34@gmail.com

### Career Objective

Having 1 year of hands on experience with as a **DevOps & AWS Engineer**. Seeking for growth oriented position and good environment where my knowledge and experience can be shared and enhanced.

### Skill Summary

- Having **5.4 years** of experience in IT Industry as a **DevOps & AWS Engineer**.
- Automated the deployments to **DEV** and **QA** Environments by picking up builds using **Jenkins and Azure Pipelines**.
- Hands on experience with Configuration Management Tool **Ansible**.
- Hands experience on Amazon EC2 cloud deployments using DevOps tools Jenkins.
- Involved in designing and deploying applications utilizing almost all of the **AWS** stack (Including **EC2, Route53, S3, RDS, SNS, IAM, ELB, EBS**) focusing on high-availability, fault tolerance, and auto-scaling.
- Familiar with EC2, Cloud watch, Elastic IP's and managing security groups on AWS.
- Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling.
- Created network architecture on AWS **VPC, subnets, Internet Gateway, Route Table and NAT Setup**.
- Working with **Route 53**, DNS failover and setting up Latency based routing, weighted routing policies.
- Worked as **GIT** administrator as part of my role and monitored the repository for various issues.
- Participated in release level discussions and gone through the total **SDLC and Agile process**
- Extensive Experience in Jenkins master-slave for multi machine builds.

- Created and maintained **Jenkins and Azure pipeline** jobs that execute **Shell scripts** for automation with **Pipeline**
- Hand on experience in delivering container based deployments using **Docker in Elastic Beanstalk**.
- Extensive experience in setting up the **Kubernetes** for the Docker to handle cluster based containers.
- Implemented Testing environments for kubernetes and administrated the **kubernetes** clusters.
- **Deployed** and orchestrated the **applications with Kubernetes**.
- Played a key role in automating the deployments on AWS from GitHub with Ansible and Jenkins.
- Having knowledge on Docker images creation using **Docker File**.
- Key strength is of quickly grasping new concepts and technologies and adaptable to new environment. Open to learn new technologies and tools.
- Effectively co-ordinate with various functions development, testing, environment management, helpdesk within the organization throughout the SDLC.
- Followed best practices, optimize processes, adapt new technologies, quick learner and hardworking individual.
- Excellent interpersonal communication skills and efficient in working independently and as a team member. Proactive and creative approach towards work.
- 24/7 on call supports for emergency site maintenance and immediate build and install requests.

## Professional Experience

Company Name	Designation	Duration
Chakravuyha Software Technologies Private. Ltd.	Jr. DevOps Engineer	Aug-2022 to Till Date

## Professional Qualification

- Master of Computer Applications (MCA) from Mahatma Gandhi University (MGU), Nalgonda, 2023.
- Graduation from Neelagiri Degree & P.G College, Nalgonda in 2020.
- Intermediate from Pragathi Junior College, Nalgonda in 2017.
- SSC from Ramagiri High School, Nalgonda in 2015.

## Technical Profile & Skill set

Operating system	WINDOWS, UNIX, Linux
Build Tools	Maven
Version Control Tools	GIT
Container	Docker, Kubernetes
Web Server	Apache, Nginx
Application Server	Tomcat
CI Tools	Jenkins,Azure Pipelines.
Tools	Nexus, Nagios,
Cloud Technologies	AWS,Azure Devops
Configuration Tools	Ansible
Scripting Languages	Shell scripting, Python

## Career Snapshot

### Project #6

Client : Tectoro,Hyderabad  
Role : Sr.DevOps Engineer  
Duration : May-2021 to May-2023

- Configured **Git Lab** Pipelines.
- Configured Pipelines for deployment in to **Azure Functions** from Azure Devops.
- Configured and maintaining **MongoDB,MYSQL PostgresSQL**.
- Worked with docker swarm to deploy the clusters.
- Maintained ELK,Prometheus and Grafana.
- Worked with Hashicorp Vault.
- Push button automation using python.

### Project #5

Client : Vzero, Bangalore

Role : Sr.DevOps Engineer with Azure cloud deployment  
Duration : Jan-2021 to May-2021

- Created **Azure Devops** Organization from **scratch**.
- Configured Pipelines for deployment in to **Azure Appservice for containers** from Azure Devops.
- Configured and maintaining **MongoDB replicaset** on azure vm's.
- Continuous monitoring and back-up of MongoDB in to azure Blob through automated shell script.
- Maintaining Regular Backups of the Logs.
- Configured a shell script to install and restore the MongoDB if any crash occurs.
- Configured and maintained all the three environments(**Dev, QA, Prod**).

#### Project #4

Client : Smashit Live , India  
Role : AWS Engineer & Sr.DevOps Engineer  
Duration : Oct-2020 to Jan-2021

- AWS Codebuild and code commit for repos and building the code.
- AWS ECS Fargate for deploying the code.
- Configured and maintained all the two environments(**stage & Prod**).
- Configured **AWS Ec2, ELB, Route53,IAM** as it is a scratch project.
- MongoDB in Mongo Atlas.

#### Project #3

Client : Zyyah, USA  
Role : AWS Engineer & DevOps Engineer  
Duration : Oct-2019 to Oct-2021

- Created **Azure Devops** Organization from **scratch**.
- Configured Pipelines for deployment in to **AWS Elastic beanstalk** from Azure Devops.
- Configured **AWS Ec2, ELB, Route53,IAM** as it is a scratch project.
- Configured and maintaining **MongoDB** on Ec2 instance.
- Continuous monitoring and back-up of MongoDB in to s3 bucket through automated shell script.
- Maintaining Regular Backups of the Logs.
- Configured a shell script to install and restore the MongoDB if any crash occurs.

- Configured and Maintaining **AUTH0**.
- Working with **FORM.IO**.
- Configured and maintained all the three environments(**Dev, QA, Prod**).
- Done E2E with all the functions in **Azure Devops and AWS**.

## Project #2

Client : Agile Stacks, USA  
 Role : AWS Engineer & DevOps Engineer  
 Duration : Aug-2019 to Oct-2019

- Support Project it is PAAS.
- Created Scripts for auto deployment of selected components in to the required cloud.
- It is cloud agnostic tool.

## Project #1

Client : McKesson, USA  
 Role : AWS Engineer & DevOps Engineer  
 Duration : Feb-2017 to July-2019

## Responsibilities:

- Created users and groups using IAM and assigned individual policies to each group.
- Created load balancers (ELB) and used Route53 with failover and latency options for high availability and fault tolerance.
- Configured Security group for EC2 Linux instances.
- Experience with monitoring tools such as Cloud Watch.
- Automated deployments for consistent software releases with zero downtime (through build process, packaging, testing and automatic deployment)
- Analyzed and resolved conflicts related to merging of source code for GIT.
- Configured application servers (Tomcat) to deploy the code.
- Created and configured multiple instances on Tomcat Server for different teams.
- Configured Tomcat application server for hosting web apps.
- Used Ansible playbook to execute commands on remote systems.

- ■ Implemented a Continuous Delivery pipeline with Docker and AWS.
- ■ Extensive experience in setting up the Kubernetes for the Docker to handle cluster based containers.
- ■ Implemented Testing environments for kubernetes and administrated the kubernetes clusters.
- ■ Evaluated Composers for Docker container orchestration.
- ■ Experience with building containerized applications using Docker images.
- ■ Management and design of integrated build pipelines using continuous integration workflows such as Jira, Git, Jenkins, Docker, and Nexus.
- ■ Implemented Continuous Integration using Jenkins and GIT.
- ■ Deployed JAVA/J2EE applications through Tomcat Application servers.
- ■ 24/7 on call supports for emergency site maintenance and immediate build and install requests.