

YELISETTY MANIDEEP

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Result-driven, professional targeting assignments in **DevOps** in an **IT Industry** with an organization of high
repute preferably in **Pune, Bengaluru, Delhi & Chennai**

PROFILE SUMMARY

- **A competent professional offering over 3 years of experience in DevOps (Git, Maven, Jenkins, Ansible, Docker) and AWS Cloud.**
- Proficient with best practices regarding **AWS AutoScaling, Fault Tolerant Architecture & Disaster Recovery**
- Working experience in **AWS Cloud Services- EC2, IAM, VPC, AutoScaling, ELB, Cloud Formation & S3, AWS CLI**
- Expertise in **Development, Build, Testing, Change, Deployment and Release Management** for large scale enterprise applications and products
- Capabilities to **define, design and implement DevOps** end to end solutions and transformations covering CI, CD for integrated lifecycle management
- Extensive knowledge in **creating playbooks in Ansible** for configuration management of remote systems
- Hands-on experience in **AWS** with provisioning & resource management, setting up Enterprise Infrastructure on **Amazon Web Services (AWS)** and automating build platforms/continuous integration using DevOps architecture
- Experience in **PROD changes implementation**, weekend support and working on change & release management
- Divergent outlook with creative approach to **problem-solving** using analytical skills to deal effectively with all levels of organization

CORE COMPETENCIES

Project Management & Execution
Service Delivery Management
System Maintenance & Evolution

Application Deployment
Team Management
Requirement Gathering

Solution Installation & Configuration
DevOps & Cloud AWS Architecture
Troubleshooting

WORK EXPERIENCE

Since Aug'18 with Zensar Technologies, Hyderabad as DevOps Engineer

Role:

- Automating the application deployment, configuration management using Ansible
- Creating AMI Images, EC2 Instances, attaching Volumes to Ec2 instances using AWS CLI and GUI
- Constructing events in s3 buckets, modifying permissions and configuring with restricted policies •
Giving a permissions from one AWS account to another AWS account of IAM user by using Roles
- Implementing:
 - Jenkins file for automating CI-CD process
 - Docker for creating development environment and QA environment
 - processes with tool like Maven
 - IAM policies and Roles as per organization requirement

- Using Jenkins extensively to streamline CI/CD process, automating master-slave configurations with temporary slaves
- Working on processes, which include compiling, packaging, deploying and application configurations
- Configuring Jenkins for continuous integration and for end-to-end automation for all build & deployments

ORGANIZATIONAL PROJECTS

Project 1

Since Oct'19 for Three UK as DevOps Engineer

Platform: Linux

Software: Jenkins, Maven, Git, Ansible, Apache & Oracle Database

Role:

- Developing new tools/methodologies to improve the existing process and provide better results to all stakeholders
- Managing installation of Ansible & required setup to manage remote servers; writing Ansible playbooks to automate infrastructure
- Supporting different environments like Prod, Dev and Staging
- Creating staging environment and testing the new updates or patches
- Performing daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system & application logs, and verifying completion of scheduled jobs such as backups
- Designing new repositories and branches in existing repositories as per the requirement of the Dev Team
- Providing level 1 support, escalating and interacting with Developers (level 2)
- Configuring Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue

Project 2

Nov'18 – Sept'19 for Mass Mutual Insurance, USA as DevOps with AWS Engineer

Platform: Windows, Unix, Linux

Software: AWS Stack (EC2, S3, VPC, Cloud Formation, IAM) Ansible, Jenkins, Maven, Git, Docker, Apache & Nagios

Role:

- Guided the engineering teams regarding CI/Build tools, Environments and Automation
- Engaged in Branching, Tagging and Merging of code delivery at required releases
- Assisted development teams and automated the environment setup using tools like Ansible
- Created architecture on AWS, documented the design and provisioned the infrastructure on AWS
- Assembled customer requirements and translated the application requirements to provide AWS solutions
- Designed AWS infrastructure based on the application requirements
- Setup DEV, QA and UAT environments for every sprint using Ansible
- Planned and implemented security using VPC, IAM, Security Groups and NACL
- Ensured appropriate redundancy and fall backs in all server environments
- Developed engineering automation and productivity tools to streamline deployment pipeline
- Troubleshoot and resolved issues related to application deployment and operations
- Worked with cross-functional, geographically distributed team to provide 24x7 deployment support across multiple environments
- Produced docker images using docker files to support containerization of applications

- Generated Ansible playbooks to automate build/deployment process and do an overall process improvement to any manual processes
- Constructed setup and configured the continuous build system using Jenkins and ran automation smoke / nightly test suites
- Designed & deployed a multitude application utilizing almost all of the AWS stack (including EC2, S3, RDS, IAM) focusing on high-availability, fault tolerance, and auto-scaling
- Created Multifactor Authentication for AWS Users in the organizations

EDUCATION

- B.Tech. in Electronics and Communications Engineering from SRM University, Chennai, Tamil Nadu in 2018
- 12th from Nri Junior college, edupugallu, Vijayawada, Andhra Pradesh, State Board in 2012 with 81%
- 10th from Bhartiya Vidya Bhavan's Residential Public School, TPG, Andhra Pradesh, CBSE in 2010 with 9.0 CGPA

IT SKILLS

- **OS** – Linux & Windows
- **Build Tools** – Maven
- **Scripting Languages** – Shell
- **SCM Tools** – Git
- **CI/CD Tools** – Jenkins
- **Configuration Management Tool** – Ansible
- **Web/Application Server** - Apache & Tomcat7/8
- **Cloud Infrastructure** - AWS

PERSONAL DETAILS

Date of Birth: 15th April' 1994
Languages Known: English & Telugu
Address: House No.- 5-45/1, Posinavari Street, Chebrolu, Unguturu, Mandal, West Godavari, 534406, Andhra Pradesh