

**Nagarjuna Reddy Punugoti**

**Consultant**

Email: [pnr9712@gmail.com](mailto:pnr9712@gmail.com)

Contact: +91 9642135430

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### **PROFESSIONAL SUMMARY:**

- I'm Having 4.6Years of experience in **aws automation** & good hands-on with **Software Development Life Cycle (SDLC)** processes, like **Infra-provision, Configuration, build & deployments**
- Good professional experienced in **Linux, Git, GitHub, Jenkins, Ansible and AWS cloud infrastructure.**
- Experienced in SCM Tools GIT, GitHub to maintain Branching, Tagging, and Merging Concepts in with Distributed version control systems.
- Have configured required tools for our CI/CD in manual and automated process
- Experienced to create different types jobs like free style, pipeline jobs
- Good hands-on experience to work with Linux based operating systems
- Experienced in configuration management tool like **Ansible** to configure required configurations in different remote instances using SSH protocols.
- Created **Ansible-vault** for **encrypting** the data in security format, and also worked on **Ansible-roles** to differentiate to find the complex problems in **playbooks**.
- Experienced Automating aws infrastructure using python and lambda
- Experienced in REST API with python and automated different environments
- Experienced to write custom **Dockerfile** for containerization the applications to upload in AWS ECR.
- Expertise in different services like EC2, Lambda, S3, Dynamodb, SQS,SNS, Cloud Formation, Auto scaling, IAM and VPC.
- Ability to work within a Team with **strong analytical, problem-solving and communication skills**. Flexible and adaptable, work in ambiguous situations.
- Performed continuous Build and Deployments to **Dev, Stage or QA and Prod** environments.
- Working with cross functional, geographically distributed team to provide **24/7** deployment support across multiple environments.
- Team collaboration in **Microsoft Teams**.

### **EDUCATIONAL QUALIFICATION:**

MTech from JNTU Kakinada, University, 2017.

### **TECHNICAL SKILLS:**

Operating Systems : Linux

<b>Infra Provision</b>	:	Terraform
<b>CI/CD Tool</b>	:	Jenkins
<b>Configuration Tool</b>	:	Ansible,Ansible Tower
<b>Cloud Environments</b>	:	AWS
<b>Version Control</b>	:	Git, GitHub
<b>Scripting Languages</b>	:	Shell Scripting & Python

## **PROFESSIONAL EXPERIENCE:**

**Genpact India Pvt Limited, Hyderabad,  
Consultant**

### **Responsibilities:**

- Creation of branches in GIT for parallel development process.
- Installed, configured and administered Continuous Integration tools such as Jenkins for automated builds.
- Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to production.
- Used Ansible to install and configure LDAP on multiple servers, with crash proof strategies
- Worked on **Ansible tower** ,to automate LDAP installation through aws lambda and python
- Dockerized applications by creating Docker images from Dockerfile and pushed Docker images to private repository., like ECR
- Created Ansible playbooks to automatically install packages from a repository, to change the configuration of remote machines and to deploy new builds.
- Used Ansible as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
- Used python and AWS lambda to automate different processes
- Automated LDAP and 2FA installation and configuration based AWS EC2 event driven approach
- Used Terraform to Provision resources in AWS features like EC2, IAM, VPC, EBS, Cloud Watch, Dynamodb, SQS,SNS, IAM, S3 and general knowledge in Kubernetes

(Nagarjuna Reddy)