# Nagarjuna Reddy Punugoti

# Consultant

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# PROFESSIONAL SUMMARY:

* I’m Having 5.2 Years of experience as a **Devops and Cloud Automations** & good hands-on with **Software Development Life Cycle (SDLC) processes**, like **Infra-provision**, **Configuration**, **build & deploying** the **Web Based & Enterprise Application**.
* Good professional experienced in **Linux, Git, GitHub, Jenkins, Docker, Ansible and AWS cloud infrastructure.**
* Experienced in SCM Tools GIT, GitHub to maintain Branching, Tagging, and Merging Concepts in with Distributed version control systems.
* Good hands-on experience to work with **Linux** based operating systems
* Experienced to write **Docker file** to create **docker images** and run it as **docker containers deployments**.
* 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**.
* Expertise in different services like EC2, EBS, EFS, S3, ELB, Cloud Formation, SNS, SQS, and VPC.
* Experienced with event-driven and scheduled **AWS Lambda** functions to trigger various AWS resources
* 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:

M.Tech from JNTU Kakinada, University, 2017.

**TECHNICAL SKILLS:**

# Operating Systems : Linux

**Infra Provision :** Terraform

**CI/CD Tool :** Jenkins

**Configuration Tool :** Ansible

**Cloud Environments :** AWS

**Version Control :** Git, GitHub

**Scripting Languages :** Shell Scripting & Python

# PROFESSIONAL EXPERIENCE:

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**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.
* Experienced with event-driven and scheduled AWS Lambda functions to trigger various **AWS** resources
* Worked with **Ansible** (CM tool) to automate the process of deploying the new build in each environment, setting up a new node and configuring servers
* 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 **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
* Created Ansible playbooks to automatically install packages from a repository, to change the configuration of remote machines and to deploy new builds.
* Developed **Python** scripts to automate the data collection process from REST API and reduced manual effort by 100%.
* Implemented unit tests to ensure code quality before deploying new features to production servers
* Experienced with event-driven and scheduled **AWS Lambda** functions to trigger various AWS resources
* Fixed bugs and issues in Python scripts.

(P Nagarjuna Reddy)