#### CH. NaveenReddy

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**PROFESSIONAL SUMMARY**

Having **3** years of diverse professional experience in Planning, Designing, Developing, Support and Implementation in the area of Amazon Web service’s and Experience in Devops build and release engineering / software configuration management.

* Good experience in Devops and Software configuration management which includes Project setup, Build & Release Process setup ,Build Automation and CI/CD Pipeline in Jenkins .
* Hands-on experience in using Ansible, Git, Jenkins and AWS services which reduces the effort of developer’s operation team in performing maintenance and daily operations .
* Hands-on experience in setting up and maintaining CI &CD pipeline using tools like Jenkins, SonarQube, Github, Maven .
* Hands-on experience in writing playbooks to setting up complete application stack which includes services like Apache, Tomcat and Nginx .
* Deploying the JAR and WAR into Tomcat Application Server
* Good Knowledge in **Terraform** to create the environments
* Good Knowledge in Creating container by using Docker files
* Good Knowledge in Docker volumes
* Hands-on experience in Amazon Web Services like **EC2,IAM, VPC, Subnets, Auto Scaling , Security Groups ,S3,EBS,Load Balancing,Cloud Migration**
* Knowledge on VPN network , Endpoints , and peering connection

**EDUCATIONAL QUALIFICATION**

Bachelor of Engineering from JNTU Hyderabad.

**TECHNICAL SKILLS**

**Skill Set:**

**Operating Systems**: Linux/Unix, Windows.

**Cloud computing Technology:** AWS.

**Version control System:** Git.

**Automation/Build Tools:** Maven, Jenkins, Terraform .

**Containerized Technology:** Docker.

**Configuration Management Tools**: Ansible .

**Databases& Data Storage :** Mysql .

**Programming language**: Shell scripting.

**Ticketing Tool:** Jira

**Monitoring Tool:** Cloud watch , Nagios .

**PROFESSIONAL EXPERIENCE**

**Organization**: Tech Mahindra

**Environment** : Ubuntu, AWS, MySQL, Jenkins, Maven, Github , Ansible, Nagios, SonarQube, AWS, and Bash Scripting

**Duration** : May 2017–Present.

**Responsibilities:**

**Devops Engineer:**

* Worked on **EC2** service to create the Instances .
* Involved in maintaining the reliability, availability, and performance of Amazon Elastic Compute Cloud (Amazon EC2) instances.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Worked on utilizing the simple Storage Services(s3).
* Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on  AWS .
* **S3** Integrated with Jenkins to Store the Artifacts in Bucket .
* Amazon **IAM** service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of **AWS**   **IAM** .
* Worked on creating VPC, Security groups, NAT gateway.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
* Good Experience in **architecting** and **configuring** secure cloud **VPC** using private and public networks through **subnets** in AWS.
* Created topics in SNS to send notifications to subscribers as per the requirement.
* Initiating alarms in CloudWatch service for monitoring the server's performance, CPU Utilization , disk usage etc. to take recommended actions for better performance.
* Responsible for monitoring the AWS resources and application resources using Cloud Watch
* Involved in Migrating virtual machines from VMware Esxi server to aws using **server Migration service** and **Data Migration service .**
* Automated the building process and reduced all the manual intervention needed and merged that to the ​Jenkin's​ job.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Automated builds using ​Jenkins and Maven.
* Create and establish build process using Maven to perform builds efficiently and deployment of the application using Tomcat.
* Identify, troubleshoot and resolve issues related to build and deploy process.
* Automate the ​Maven​ build Process Using Jenkins
* Configured ​Jenkins​ job with Git and Maven for generating artifacts.
* Installing plugins in Jenkins as per project requirements.
* Integrating ​SonarQube​ with ​Jenkins​ for continuous static code analysis
* Experience in taking the backups in Jenkins using backup plugins.
* Managed Servers on the Amazon Web Services (AWS) platform instances using **Ansible** configuration management.
* Gained good experience by working with configuration management tool Ansible and CI/CD tool Jenkins.
* Deploying the Application’s in Tomcat Server By Using Ansible ​.
* Verify logs to check for successful/failure deployments.
* Performing deployments to multiple environments like Dev, QA, & UAT environments Scheduling of automatic, repetitive Jobs using commands with Jenkins
* By Using Ansible Configuration Management tool we have written Playbooks for the Provisioning in Multiple nodes
* Working on Jira ticketing tool
* Troubleshoot day-to-day issues based on the ticket system and closed the ticket within SLA