

**XXXXXXXXXXXX**

Devops / AWS Engineer

**Email:** xxxxxxxx@gmail.com

**Mobile:** +91- xxxxxxxx

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### **Career Overview:-**

- Over 3 Years of progressive professional experience in **DevOps** which includes Project Setup, **Build & Release** process setup, Continuous Integration, Source Code Management process setup.
- Experienced in large production environments using different configuration tools like **Terraform**.
- Hands on Experience and partially administering with **GIT**.
- **Terraform** through automate & manage infrastructure.
- Creating an Ec2 instance from an AMI available on AWS with Terraform,
- Worked with development and testing teams to establish a build schedule, execute the builds and troubleshoot build failures, if any.
- Knowledge on various **Docker** components like Docker Engine, Hub, Machine, Compose and Docker Registry.
- Expert in Cloud Technologies like Amazon Web Services (AWS) **VPC, EC2, EBS, S3, Glacier, IAM, Cloud Watch**.
- Configure **EC2 instances, Auto Scaling, Elastic Load Balance** and AMIs.
- Hands on experience on **VPC, Subnets, security groups** and **Route tables** etc.
- Setup and managed backup and recovery using **snapshot**.
- Provide highly durable and available data by using **S3 data store**.
- Experience in **Logical Volume Management**, creating and extending logical volumes as per the requirement.
- Installing software packages using **RPM** and **YUM** utilities as per the requirement.
- Passionate to work on technical challenging projects.

### **Employment History: -**

- Working as **DevOps Engineer** for xxxxxxxxx Software, Hyderabad from April xxxx-Till Date

## Technical Skills:-

Configuration Management Tools	: Terraform
Version Control Tools	: GIT
Continuous Integration Tools	: Jenkins
Build Tools	: Maven
Cloud Services	: AWS
Operating Systems	: RED HAT LINUX
Virtualization	: Docker
Ticketing Tool	: SM9, BMC remedy
Web/Application Server	: Apache Tomcat
Webservers	: Nginx, Apache, Httpd
Data Base	: MySQL, Oracle DB
Monitoring Tools	: Nagios, Cloud watch

## Education Qualification:-

- MCA from xxxxxxxx xxxxxxxx DEGREE & PG COLLEGE, Hyderabad.

## Work Experience:-

April xxxx – Till Date	xxxxxx info pvt.ltd
Designation	DevOps Engineer

## Responsibilities:-

- Involved in creating the company's DevOps strategy in a mix environment of Linux (**Ubuntu, CentOS**) servers along with creating and implementing a cloud strategy based on Amazon Web Services (**AWS**).
- Worked on Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using **GIT**.
- Deploy and monitor scalable infrastructure on Amazon web services (**AWS**) & configuration management using **Terraform**.
- Designed Terraform **Modules** to manage configurations and automate installation process.
- Used **Terraform** to automate configuration management.
- Implemented a Continuous Delivery pipeline with **Docker, Jenkins** and **Git Hub** and AWS AMI's, whenever a new Git hub branch gets started, Jenkins, our Continuous Integration (**CI**) server, automatically attempts to build a new Docker container from it.
- Configuring the **Docker containers** and creating **Docker files** for different environments.
- Configured the application on AWS **EC2 AMI** Instances and also installed the storage on **S3 Buckets**.
- Responsible for managing infrastructure provisioning (**S3, ELB, EC2, IAM, VPC,**) and deployment via EC2 Installs with Ubuntu, CentOS.

- **Auto scaling** the Amazon Web Service (AWS) depending upon the requirement.
- Implemented Continuous Integration (**CI**) Process across projects.
- Good Knowledge on Continuous Delivery/Deployment (**CD**) process.
- Attended the Minor/Major Event change control meetings to get necessary approvals for the deployment request.
- Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using **GIT** source control.
- Analyze and resolve conflicts related to merging of source code for **GIT**.
- Performed all necessary day-to-day support for different projects like Check-in, Checkouts, branching, tagging, and conflict resolution.
- Corresponded with other departments to resolve Release and Build dependencies.
- Responsible for Development, **UAT, TESTING, PRODUCTION** Builds and Releases.
- Resolved issues for developers commit, update, and synchronization.
- Creating a **tags** and support **branches**.
- Monitoring access privileges for developers at branch level & Repository level.
- Assist with maintaining current build systems, developed build scripts, and maintained the source control system.
- Enforced automation in build and deployment procedures, executed code builds and deployment activities.
- Performed and managed the environment related configuration changes as a part of deployment.
- Supported daily and weekly routines of pushing good builds based on test results.
- Communicate effectively with the Clients in the weekly status calls and other meetings.