**Sample**

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# PROFESSIONAL SUMMARY:

Having **3+ Years** of professional experience as a **DevOps Engineer** which includes project setup, Build Automation, Continuous Integration, SCM process improvements and GIT environment setup**.**

* Creating and maintaining the repositories in **GIT/GitHub**.
* Experience in Build tools like **Maven**.
* I have good experience on **Jenkins**. Creating **CI-CD** pipelines, Jenkins administration which includes plug-in management, configuring tools, backups, jobs cleanup.
* Worked on **Jenkins** by creating jobs and Build and deployment using the same.
* Good working experience in building and deploying Java web applications on tomcat server in UNIX environment.
* Good experience in containerization tool using **Docker**.
* Good experience on creating **Dockerfile** and **Docker-compose** files.
* Good experience in static code analysis tool **Sonarqube**.
* Having good experience on **Sonatype Nexus** for artifactory management.
* Experience on Configuration Management tool **Ansible**. Writing Ansible playbooks to configure different environments and deploying the **Jar** and **War** into Tomcat Application Server.
* Having good knowledge on **Kubernetes**.
* Experience in setup and build **AWS** infrastructure various resources, **EC2, VPC, S3, IAM** and **Auto scaling.**
* Building instances and managing storage on cloud using **AWS EC2** and **AWS S3.**
* Having in-depth knowledge of Clustering, Load Balancing, High Availability and Disaster Recovery, Auto Scaling.
* Good knowledge in Micro Services, Container based architecture and the corresponding deployment tools and techniques.
* Knowledge on Monitoring tools like Nagios.

# EDUCATION:

* MCA from SRI Krishna Devaraya University-Anantapur

# TECHNICAL SKILLS:

Operating Systems **: Windows, Linux.**

Version Control Tools **: GIT, GitHub**

Build Tools **: Maven**

Servers **: Apache Tomcat**

CI/CD Tools **: Jenkins**

Artifactory Management Tool**:** **Nexus**

Code Quality Tool **: SonarQube**

Configuration Management Tools**: Ansible**

Cloud : **AWS** (EC2, VPC, IAM, AMI, ALB, ELB, S3, ROUTE 53,

Auto-scaling, Elastic Beanstalk, AWS Cloud Formation, RDS.

Containerization Tool **: Docker**

Container Orchestration Tool : **Kubernetes**

Monitoring Tool **: CloudWatch, New relic, Datadog**

# PROFESSIONAL EXPERIENCE:

* Worked as AWS Engineer with Ducont India Systems Pvt Ltd from July 2018 to Oct 2021.

**Rosie Connect 2.0:**

* Developed Server less Applications using AWS services for multiple EHR (Electronic Health Record) providers.
* Developed Applications to handle HL7 data formats.
* Used the AWS KMS for Encryption of Personal Health Information.
* Object storage service Amazon S3 is used to store and retrieve media files such as images.
* Used AWS Cloud Watch to monitor AWS services and AWS Cloud Watch logs to monitor application.
* With the help of IAM created roles, users and groups and attached policies to provide minimum access to the resources.
* Used JIRA for defect management and to keep track of bugs and issues.
* Developed Application monitoring applications using Lambda, Grafana and New Relic.
* Extensively used SVN and GitHub as the version controlling Tool.
* As most of the infrastructure is hosted in AWS cloud I am responsible for creating and managing EC2 Instances.
* Maintaining AMIs of the configured EC2 instances.
* Configuring and deploying Worked with automated build pipeline through Jenkins file, Continuous Integration and Continuous Delivery (CI/CD).
* artifacts into several environments by using primary automation tool Ansible.
* Used Ansible and other configuration management tools to deploy consistent infrastructure code across multiple environments.
* Deployed builds to different environments like DEV, QA, UAT environments by integrating Jenkins, Docker and Ansible.
* Experience in using Apache Tomcat Application servers for deployments.
* Developing build and deploy tools to make smooth pipeline transition from Dev to Production.
* Creating Docker images and Containers.
* Ability to work closely with teams, in order to ensure high quality and timely delivery of builds and releases.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.

**Environment:** Jenkins, Maven, GIT, GitHub, Apache Tomcat, Nexus, SonarQube, Docker, K8s, Ansible, AWS (EC2, VPC, AMI, ELB, ALB, S3, SNS, CloudWatch).

Altisource & Solid Foundation:

* Responsible for maintaining **GIT** Repositories, and access control strategies.
* Good Experience in architecting and configuring secure cloud VPC using private and public networks through subnets in AWS.
* Configured the Load Balancers with private subnets and had a good knowledge on the Troubleshooting the Connectivity Issues.
* Included security groups, network ACLs, Internet Gateways, and Elastic IPs to ensure a safe area for organization in AWS public cloud.
* Customizing the AWS cloud Watch metrics and SNS accordingly using Amazon API for the custom metrics to appear on the cloud watch to know the health of the Instances and to monitor the performance accordingly.
* Migrated millions of files from FSx (Windows File Server) to S3. Implemented Windows File System Watcher to discover new/updated files in the FSx to prevent indexing the files while syncing them to S3.
* Implemented the concept of WebHooks for multiple applications in order to optimize the performance.
* Performed specific business related applications using Docker, Kubernetes.
* Worked with YAML and Swagger for auto-generated documentation for all REST calls.
* Implemented JSON templates in CloudFormation and Terraform for AWS infrastructure as code.
* Implemented Ansible playbooks for configuration management to existing Infrastructure.
* Migrated the Server APIs to AWS API Gateway using Terraform.
* Automation of new job creation by implementing and managing **Jenkins**. Setup

**Jenkins** master slave architecture to use **Jenkins** as pipeline as service.

* Integrated builds into **Jenkins** and configure **GIT** parameterized builds. Also installed many custom plugins along with **Maven** plugins.
* Installed, monitored and configured applications in **Nginx** and **Apache Tomcat Server**
* Maintained build related scripts developed in shell for **Maven** builds. Created and modified build configuration files including **POM.xml**.
* Worked on Group/User administration, Startup & Shutdown Scripts, Crontabs, File System Maintenance, Backup Scripts and Automation, Package management.

**Environment:** GIT, Maven, Jenkins, Nexus, Sonarqube, Apache Tomcat, Docker, Linux.

**Assets:**

* Patience and Confidence
* Excellent Problem-Solving Skills.
* Ability to learn and deliver
* Adaptive to dynamic Situation.

Declaration:

I hereby declare the above details are true and correct to the best of my knowledge.

Ravichandra