Vijayakumar Ravi

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Career Objective

To work on challenging assignments in a progressive organization that would leverage my technical experience to the fullest potential and align my growth with the growth of the Organization.

TECHNICAL SUMMARY

Experience working in AWS Cloud Environment with 1+ years of experience as **Cloud/ DevOps Admin** provisioning, supporting, automating, and optimizing critical deployments in AWS cloud, leveraging configuration management, **CI/CD**, and DevOps strategies.

Setup/Managing Linux, Windows, Ubuntu servers using Amazon EC2.

Setup/Managing Databases on Amazon **RDS**. Monitoring servers through Amazon **CloudWatch** & **SNS**.

Involved in creating **Docker Images** by writing custom Docker File.

Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools - **GIT, Maven, Jenkins, Ansible, Docker** and **Groovy Scripting.**

Log Analysis and monitoring of PROD servers using **SPLUNK** monitoring tool.

Basic knowledge and understanding of Python.

Used **Ansible** for Configuration Management.

Containerizing applications with **Docker.** Responsible for managing the Docker private registry.

Experience in creating, configuring and maintaining Infrastructure on **AWS** Cloud services including **VPC, EC2, Elastic Load Balancers & Auto Scaling Group, RDS, S3, Route53, SNS, CloudFront, CloudWatch** and **IAM.**

Implementation of **NAT** gateways for Webapps hosted in private subnets.

Setting up/managing **Security groups**, **VPC** specific to the environment.

Creating **S3 buckets** and also managing policies for S3 buckets. Utilized S3 bucket and **Glacier** for storage and backup on AWS.

Knowledge of Software Development Life Cycle Methodologies Waterfall, and **Agile**.

Work Experience

Associate – Cloud/DevOps
IBM/ Kyndryl, Bangalore.

Client   **: Albertsons Safeway Inc,**
Domain   **: Retail**
February 2022 – Present

ROLES AND RESPONSIBILITIES

- Installed and administered various tools like **Jenkins**, **Git**, **Ansible**, **Nexus Artifactory** and executed maintenance tasks such as creating users and groups.

- Coordinated and assisted developers in establishing and applying appropriate **branching** and **merging** conventions using **Git.**

- Experience in creating the Project's DevOps strategy in a mixed environment of **Linux** (Ubuntu, Cent OS) servers along with creating and implementing cloud strategy based on Amazon Web Services.

- Installed application on **AWS EC2** instances and configured the storage on **S3 buckets**.

- Implemented and maintained monitoring and alerting of PROD/DEV/UAT servers/storage using **Prometheus** Alert rule set up & Dashboard Creation, Production monitoring and analysis in **Grafana.**

- Installing and configuring **GIT**, **Jenkins**, **Ansible,** Deployment and automation.

- Implemented a **CI/CD** pipeline involving **GitHub, Maven, Docker Hub, Jenkins** and **SonarQube** to complete the automation from commit to Deployment.

- Responsible for design and maintenance of the source code in **GitHub** Repositories and performed all necessary day-to-day GIT support for various applications.

- Involved in Infrastructure provisioning & configuring using **Terraform-** IAAC.

- Automated the build and release management process including monitoring changes between releases.

- Experience in Service now for creating bug tickets, workflows and pulling reports from

dashboard.

IT Forte

OPERATING SYSTEM	: LINUX /UBUNTU, WINDOWS
CONFIGURATION MANAGEMENT TOOL	: ANSIBLE, TERRAFORM
CONTAINERIZATION TOOL	: DOCKER
CI/CD INTEGRATION TOOL	: JENKINS
VERSION CONTROL SYSTEM/ SCM TOOL	: GIT
BUILD TOOL	: MAVEN
ARTIFACTORY SERVER	: NEXUS
WEB SERVER MIDDLEWARE	: APACHE TOMCAT
DATABASE	: MYSQL, AMAZON AURORA
CLOUD ENVIRONMENT	: AMAZON WEB SERVICES
TICKETING TOOL	: SERVICE NOW
CODE QUALITY TOOL	: SONARQUBE
MONITORING TOOLS	: SPLUNK, PROMETHEUS &GRAFANA

EDUCATION

BE – Computer Science Engineering
PRIST University, Chennai.
August 2016 - May 2020

PERSONAL DETAILS

Date Of Birth – 29.10.1998
Languages Known - Tamil, English & Telugu

DECLARATION:

I promise you conscientious and loyal service, sincere interest in my duties and responsibilities to the utmost satisfaction of my superiors. I hereby declare that the details furnished above are true to the best of my knowledge and belief.

Place : **Bangalore**

Date :