Raj Kumar G

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**PROFESSIONAL SYNOPSIS**

* Over 3 years of progressive experience in the IT industry Amazon Web Service Cloud Platform and on DevOps tools as an **DevOps Engineer**
* Build and release and software configuration management which includes Environment Setup, Build Automation, and Continuous Integration and continues Deployment CI/CD, SCM process improvements and Deployments.

**PROFESSIONAL SUMMARY**

* Expertise in DevOps environment and good knowledge of DevOps automation with various tools like **AWS, Git, GitHub, Jenkins, Maven, SonarQube, Ansible, Docker, Kubernetes and Terraform.**
* Expertise in Amazon Web Services (**AWS**) environment and good knowledge of AWS services like

## EC2, VPC, S3, Elastic Load Balancer (ELB), Autoscaling Groups (ASG), IAM and CloudWatch.

* Experience in building Continuous Integration (CI) & Continuous Deployment/Delivery (CD) pipeline as an interactive process using **Jenkins**.
* Hands on experience in using configuration management tools like **Ansible**.
* Good Experience in writing the **Ansible Playbooks.**
* Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
* Good Knowledge in **Terraform, creating AWS resources, state management** and **terraform modules creation.**
* Debugging, Issue fixing, Enhancement delivery and Performance Analysis

**SKILLS**

|  |  |
| --- | --- |
| Version control | Git, GitHub |
| Operating Systems | Windows, Linux |
| AWS Services | EC2, ELB, VPC, S3, Autoscaling Groups (ASG), CloudWatch, Lambda function, route53, IAM and Elastic Load Balancer |
| Devops tools | Terraform, Jenkins, Maven, Jacoco, Junit, SonarQube, Ansible, Docker, Kubernetes and Chef. |
| Database | SQL |
| Programing and Scripting | Core Java, Shell Scripting, |
| Web Technology | HTML and CSS. |
| Monitoring Tools | AWS CloudWatch, Prometheus and Grafana and Slack |

# PROFESSIONAL EXPERIENCE

* Working with **TCS** as System Engineer from December 2021 to till date.

**Project Details**

Project Name: **PwC**

Roles & Responsibilities:

* Setup and Managing Linux Servers / Windows Server /Ubuntu Servers /Windows.
* Creating and Managing AMI/Snapshots/Volumes, upgrade/downgrade AWS resources (CPU, Memory, EBS).
* Installing and configuring GIT, Jenkins, Deployment and automation.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End to End Job Setup of all the projects.
* Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a WAR file.
* Authenticate and Authorize users on Jenkins as per their responsibilities.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services and Configuring launched instances with respect to specific applications.
* Deployed application packages on to docker containers. Coordinated with software development teams and QA teams for smoother execution of the processes.
* Handling operations work associated with service now and new relic.
* Responsible for user access in AWS account and based on the requirement restricted the access to users**.**
* Created alarms using **CloudWatch** and customized CloudWatch dashboard.
* Built **Docker** images to support Development and Testing Teams and their pipelines.
* Installing, configuring, and maintaining Continuous Integration, Automation and Configuration Management tools.

# EDUCATIONAL QUALIFICATION

* B Tech from Madanapalle Institute of Technology and Science, Madanapalle, with **7.96 CGPA** (2018- 2021).
* Diploma from Govt.Polytechnic Proddutur, Andhra Pradesh with **77.18%** (2015-2018).
* 10th from Milton Hi-Tech (R) talent School, Adoni, Andhra Pradesh with **8.3 CGPA** (2014-2015).

# DECLERATION

I hereby declare that the above furnished information is true to the best of my Knowledge and belief.

**Place:** Bangalore, India **Signature:** G. Raj Kumar