

# 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).
- 10<sup>th</sup> from Milton Hi-Tech (R) talent School, Adoni, Andhra Pradesh with **8.3 CGPA** (2014-2015).

## DECLARATION

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