RAMACHANDRARAO SINGULURI

Contact Details

Mobile: +974 55834973

Email:
singuluri.ramchandra@gmail.com

Personal Details

Date of Birth: 8/8/1995

Gender: Male

Marital status: Unmarried

Languages Known: English, Telugu & Hindi, Tamil

Nationality: Indian

Social Media Details

LinkedIn:
www.Linkedin.com/in/ramachandrarao-singuluri-devops-engg

PROFESSIONAL SYNOPSIS:

2 years of experience as **Software Engineer** at "**CYIENT Limited** Hyderabad".

My experience lies in:

- Integrated AWS services (EC2, EBS, AUTOSCALING etc…) to design and manage scalable cloud infrastructures
- Maintaining the application Server reliable, available and healthy using DEVOPS tools
- Raising, updating the Queries about the client using Ticketing tools and Maintain standards to SLA

TECHNICAL SKILLS:

Cloud Environment	Amazon Web Services(AWS)
AWS Services	VPC, IAM, RDS, S3, Auto Scaling, Cloud Front, PostgreSQL DB, DNS, Route53, SNS, and SQS.
Operating Systems	Linux(RedHat & CENTOS), Ubuntu, Windows.
Scripting	Shell Scripting.
Version Control Tools	Git and Bit bucket.
Build Tools	Maven, SonarQube.
Containerization Tools	Docker.
Virtualization Tools	VMware ,AWS Cloud
Application Servers	Https, Apache Tomcat &Nginx.
Orchestration Tools	Kubernetes.
Monitoring Tools	AWS Cloud Watch,

ROLES & RESPONSIBILITIES:

- Developing multiple ways to maintain cloud services available
- Day to day explain the strategy to the client through call at the end of the day with Raising Queries' form Production team on final product output.
- Acts as a host to the QC (Quality control team) and Production team by providing feedbacks about the output on weekly basis
- Taking the challenges and Risks from the developer teams and assigning the priority tasks to the valid persons for the quality output
- Monitoring the servers using Monitoring tools and updating the alerts

WORK EXPERIENCE:

Since April 2021 – April 2023 (2 Years):
- **Organisation:** **Cyient** Hyderabad
- **Position:** Junior Software Engineer
- **Experience:** Professional work experience in Automating, building, deploying code in production environment & releasing QC with AWS services also using different tools like Docker and Kubernetes in business services applications in 24*7 environment, in additionally proficient with Configuration management tools, and in Development CI/CD Pipelines.

PROJECTS:

- Project 1: Sept 2022 – still
- Project: Excelon
- Environment: GIT, Maven, Jenkins.
- **Customer:** USA

Role:
- Collaborated with Development and Support teams to setup a CI/CD environment.
- Jenkins server installation and configuration, implementation of master-slave architecture, installing necessary plugins, troubleshooting and fixing the server bottle necks
- Creating new jobs in Jenkins and managing the build related issues.
- Configuring pom.xml for multi-module maven project.
- Implementing Jenkins to perform build automation, Continuous Integration and Continuous deployment.
- Coordinating with the Development team to fix the Build related issues.
- Implement Branching practices as per the project requirements
- Creating Tags for the releases and perform release activities.
- Created a Continuous Delivery process to include support building of Artifacts and publish into a JFrog Artifactory repository.
- Experience in deploying system stacks for various environments like Dev, UAT, Production on both premise and cloud infrastructure

2) Project 2: Sep 2021 – May 2022

- Project Name: HILTON
- Environment: Docker, Jenkins, Kubernets, GIT, MySQL

Role

- Coordinating the resources by working closely with Project Manager & for the release and Project.

- Creating setup Kubernetes cluster and managing pods, Configuring, troubleshooting containers in K8s pods, deployments, replica sets, services, volumes, worker nodes.

- Checking and validating the Version control system (GIT) given by QC

- CI/CD workflow, teams review and approve code in pull requests.

- Verifying the configuration and regions in Infrastructure on AWS Cloud services including VPC, EC2, RDS, S3, Route53, Load Balancer, SNS, Cloud Front, Cloud Watch and IAM.

- Exporting and Importing S3 buckets Objects and S3 life cycle policies and bucket policies (Read/Write)

- Creating EBS Volumes and snapshots and attaching to the EC2 instances and Configuring and troubleshooting network configuration in Linux machines

- Established coding standards and enforced them through automated tools JFROG, SonarQube.

- Responding to Incidents tickets and resolving them within SLA using JIRA & good interaction

ACADEMIC PROFILE:

Qualification	Institution	University/Board	Year of Passing	Percentage
M.Tech (Automation & Power systems)	SRI VASAVI ENGINEERING COLLEGE (TPG) INDIA	JNTU KAKINADA	2019	78%
B.Tech (EEE)	WISE COLLGE	JNTU KAKINADA	2016	63.5%

Place: Doha, Qatar.

Date:

(Ramachandraaro. S)