| **Ramesh Mokka**  **9912491949 | mokkaa.ramesh@gmail.com** |
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**Professional Summary**

* Overall **3+ years** of professional experience in IT Industry as a AWS DevOps Engineer in the field of automation, software configuration management and cloud services.
* Automation of build and deployment process by configuring jobs in Jenkins for each application.
* Dockerized the Applications to reduce the cost and easy maintenance.
* Manage and configure AWS services as per the business needs (ELB, SNS, EC2, Route53, S3, RDS, CloudWatch, IAM, VPC)
* Provide support to the technical escalation from the team and Coordinate service calls and requests with team members where necessary.
* Implementation of CI/CD Pipeline Using: Jenkins, Dockers, Git, Maven.
* Sending automatic emails through Jenkins if the job fails by installing extended plugins.
* If any Plug-in are required configuring the Plug-ins to Jenkins.
* Administration of Continuous Integration tool like Jenkins.
* Create and configure plans for every application in Jenkins.
* Experienced in working on DevOps operations process and tools area (unit test automation, Build & Release automation, Environment, Service, Incident and Change Management).
* Experience In Building CI/CD Pipeline using Jenkins.
* Experience in working on source control tools like GIT, GitHub.
* Expertise in using build tools like MAVEN for the building of deploy-able artifacts such as war & jar from source code.
* Creating Dockerfiles to build the images for different environments.
* Version control and source code management using GIT, GITHUB.
* Configured Jenkins Nodes to build jobs in order to distribute the load on Jenkins master and achieved parallel builds.
* Creating and Managing Repository and Branches.
* WAR files Build and Deployment. Restart server once the deployment is completed.
* Developing shell scripting for deployments in to servers.
* Implementing continuous integration (CI) using Jenkins
* Creating Jobs in Jenkins. Running the jobs as per build calendar.

**Technical skills**

| **Operating Systems** | Linux, windows |
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| **Scripting Language** | Shell Scripting (Bash), Yaml, Groovy |
| **VCS Tool’s** | Git, GitHub, Bitbucket |
| **Build Tool’s** | Maven, Gradle |
| **Code Quality** | SonarQube |
| **Ticketing Tool’s** | Jira |
| **Application Servers & Web Servers** | Apache Tomcat & Apache |
|  |  |
| **CI/CD Tools** | Jenkins |
| **Artifactory** | Nexus |
| **Configuration Tool’s** | Ansible |
| **Container tool & Orchestration** | Docker, Docker swarm, Kubernetes |
| **Monitoring & managemen**ts | Prometheus & grafana,  Aws cloud watch |
| **Cloud Platform** | AWS |

**Professional Experience**

* Working as Software Engineer for **HCL Technologies**

**Highest Qualification**

* Bachelor of Technology (B.Tech) from JNT University Hyderabad.

**Career Summary**

**Project Synopsis :**

**Project : Loan Approval and Payment System**

**Duration : July**' 2019 To Till date

**Role :** DevOps Engineer

**Cloud :** AWS

**Roles & Responsibilities:**

* Resolving issues in the Dev, QA and UAT environments
* Writing Playbooks and Yaml scripts to customize the Ansible as per our environment.
* Experienced working in AWS Cloud Computing platform and many dimensions of scalability including **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto-scaling**, Cloud Watch, Security Groups.
* Created IAM policies for delegated administration within AWS and Configure IAM Users/Roles/Policies to grant fine-grained access to AWS resources to users.
* Worked on JIRA for defect/issues logging & tracking and documented all my work using CONFLUENCE.
* Integrated services like GitHub, AWS Code Pipeline, Jenkins and AWS Elastic Beanstalk to create a deployment pipeline.
* Creating CI/CD pipelines by integrating **Git, GitHub, SonarQube, Maven, Jenkins, SonarQube, Nexus and Docker.**
* Good experience in automating deployment **pipelines** using **GROOVY script**.
* Responsible for the set up and ongoing maintenance of **GIT** and Participated in Branching and Merging using **GIT**.
* Responsible for **Dockerizing** applications.
* Configuring the **Docker container** and creating Docker files for different environments.
* Experience in writing **Docker files**, docker compose files and also Responsible for managing the private repository **(Nexus)**.
* Responsible for creating & configuring **docker volumes**.
* Responsible for creating **Kubernetes cluster**, implemented CI/CD using Jenkins & **Kubernetes cluster** and deploying docker images in Kubernetes cluster.
* Responsible for creating **Kubernetes manifest** files like Daemon sets, replication controller and Deployments.
* Experience in Implemented **Ansible** for the configuration management.
* Administered and Implemented CI/CD tool **Jenkins** for automated builds and Installing Plugins in **Jenkins** as per project requirements.
* Established coding standards and enforced them through automated tools (**SonarQube**).
* Involved in installing **Jenkins** on a **Linux** Machine and creating a **Master** and **Slave** Configuration to implement multiple parallel builds.
* Experience in using **tomcat** application which is running under Kubernetes cluster.
* Troubleshooting application related issues and providing logs to developers for further investigation.

**M RAMESH**