Kengana Rajakumari

DevOps Engineer

DevOps engineer having experience of 2.6+ years in IT industry to configure highly efficient CI/CD, build and release pipelines using best possible solutions. Proven experience working on Docker and automating deployment, scaling, management and monitoring of containerized applications using Kubernetes.

# Professional Summary

* Hands on experience in configuration management, DevOps, and Infrastructure management with automation tools.
* Experience using Agile development methodology and Continuous Integration/Delivery.
* Good experience and administrate the continuous integration tool like Jenkins.
* Expertise on Installation and Configuration of Continuous Integration tool Jenkins.
* Created automated build and release environment using Continuous Integration Tools Jenkins.
* Create and maintain fully automated CI/CD pipelines for code deployment.
* Design, manage and improve the continuous integration build pipeline to reduce feedback time and improve reliability.
* Configure, implement, and automate Continuous Integration and Delivery pipelines for software delivery teams utilizing Jenkins.
* Daily activities include creating builds, deploying the artifacts in multiple QA and Dev environments. and debugging build failures and worked with development and QA teams to resolve the same.
* Implement Master and Slave concept in Jenkins.
* Strong experience in Software configuration management tools (GIT).
* Administering GIT repository, and assigning users permission to branches, resolving merge conflicts.
* Hands on experience in Maven build tool for compiling and packaging the artifacts.
* Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures, if any.
* Manage all aspects of the end-to-end release process.
* Managed environments DEV, QA, UAT and PROD for various releases and designed instance.
* Build and deployed Docker containers and improving developer workflow, increasing scalability, and optimizing speed.
* Configuring Docker containers and creating Docker files for different environment.
* Experience in Container Management and Orchestration Software like Dockers, Kubernetes.
* Actively manage, improve, and monitor cloud infrastructure on AWS, EC2, S3, VPC and including backups.

# Skills

* Kubernetes
* Docker
* AWS – EKS, ECR
* Jenkins
* Git, GitHub, Gitlab

Linux (Ubuntu/CentOS), Windows

* Grafana and Promethieus
* Nexus Artifactory
* Postman

# Employments

**25-03-2021 to till date |Software Engoneer |**HCL Technologies Limited.

# Engagements

**Health Plan Provider Data Management (HPPDM) Role:** DevOps Engineer

**Duration: 25-03-2021 to Present**

**Location**: Chennai

* Implementing CI/CD pipelines and automation jobs using **Jenkins** for Java basedapplications.
* Experience using **Kubernetes** (AWS EKS) to orchestrate the deployment, scaling andmanagement of Docker Containers.
* Experience working with AWS native container repository **ECR,** integrated ECR with buildpipeline.
* Monitoring Kubernetes components, cluster and nodes using **Prometheus.**
* Has setup CI for Android Application using the dockerized way of Jenkins buildprocess.
* Experience in handling version control system Git and Git repository hosting service i.e., Gitlab
* Good knowledge on managing and integrating code Quality tools like SonarQube.
* Good knowledge on managing the NEXUS Artifactory repositories for the maven artifactsand dependencies.

# Education

## 2017- 2020 Bachelor of Electrical and Electronics Engineering & Technology

Audisankara College Of Engineering & Technology, Gudur.

# Personal Information

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| Date Of Birth | 15th May 1999 |
| Contact Number | +91 6281461989 |
| Email ID | [rajakumari.kengana@gmail.com](mailto:rajakumari.kengana@gmail.com) |
| Gender | Female |
| Marital Status | Single |
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Languages

English , Telugu(Mother Tongue) .

# Declaration

I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars.

Date: KENGANA RAJAKUMARI