Rahul Kumar
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Objective

To work in a creative and challenging environment where I could constantly learn and successfully deliver solutions to problems and contribute effectively for the growth of the Organization.

Professional

- Having 4 **years** of IT experience in **Devops and cloud (AWS) Environment.**
- Hands on experience on Version Control Systems like **GIT** and **GITHUB Administration**.
- Hands on experience in implementing continuous integration using tools like **Jenkins**.
- Work on build tools such as **Maven**.
- Expertise in trouble shooting the problems generated while building and deploying.
- Efficient in working closely with teams to ensure high quality and timely delivery **of builds and releases.**
- Strong knowledge on source controller concepts like **Branches, Merges and Tags.**
- Excellent experience in documenting and automating the build and release process.
- Ability in managing all aspects of the software configuration management process including code compilation packaging/**deployment/release** methodology and application configurations
- Extensively worked on **Jenkins** for continuous integration and for **End-to-End automation for all build and deployments**
- Hands-on expertise in using DevOps Continuous Integration-Continuous Deployment (**CI-CD)** tool **Jenkins** with **Maven, Git, Nexus and SonarQube** etc.
- Experience in creating **Kubernetes cluster using Kubeadm and KOPS**
- Experience in creating **Kubernetes Objects Pod, Replication Controller, ReplicaSet, Deployment, Daemon and Secrets, Ingress etc.**
- Having knowledge **on Kubernetes Volumes and types of Volumes.**
- Installation, Configuration, Administration of **Jenkins** for continuous integration.
- Experience in creating **Jenkins Master-Slave configuration**.
- Good knowledge on virtualization tool **Docker** and **Docker Images, Containers**.
- Experience in writing **Dockets files for creating custom images**.
- Having knowledge on **Terraform.**
- Experience with configuration management tool like **Ansible**.
- Hands on experience on configuration tools like **Ansible** and creating **Playbooks, Modules, Templates, Inventory etc**.
- Work on servers on the cloud environment **Amazon Web Services (AWS).**
- Work on **EC2, VPC, S3** services in AWS.
- Managed different instances of Amazon Web Services like **EC2, S3 bucket, RDS, EBS, Auto- Scaling, AMI, IAM, Versioning and Storage life Cycle Management.**
- Have experience in **Linux** environment and infrastructure.
- Cloud Watch for monitoring server metrics, creating alarms & integrating with **auto scaling**.
- Knowledge on Configuring **security groups, Network Access Control List, Routing Tables**.
- Touch based knowledge on scripting languages **Shell scripting**.
- Managed Environments **DEV, CDT, UAT and PROD** for various release and designed instance strategies.
- Took ownership of the task to be delivered and working extra hours if required to

ensure that delivery is not impacted.

- ➢ Monitor builds and provide proactive support to resolve any build issues.
- ➢ Involved in Branching, Tagging and Merging of code delivery at required releases.
- ➢ Worked for **Agile** Projects and participated in requirement gathering and planning.

Academics

- ➢ Bachelor of Science - from, Lalit Narayan Mithila University, Bihar, India

Career History

(1) Working as an Analyst for **HCL Technologies** from 2018 to till date.

Technical

Operating Systems	Linux, Windows.
Version Control Tools	Git, GitHub
Contiguous Integration tool	Jenkins
Build Tool	Maven
Configuration Management tool	Ansible
Virtualization	Docker, Docker Hub
Artifactory Repositories	Nexus
Application Servers	Apache Tomcat
Cloud Services	AWS
Database	MySQL
Scripting Language	Shell Scripting, Basic Python
Ticketing Tool	JIRA
Monitoring Tool	CloudWatch,
Coequality	SonarQube,
Container Orchestration	Kubernetes
Infrastructure Tool	Terraform

Professional

Project :

- ➢ Client: **rothschild and co**
- ➢ Platform: Linux, Maven, GIT, GITHUB, AWS, shell scripting, Jenkins, Nexus, SonarQube, Docker, Tomcat, Kubernetes, Terraform and Ansible.

Roles and Responsibilities:
- ➢ Setting up the new build environment for various applications in **Windows**/**Linux** environment.
- ➢ Managed to organizational standards by maintaining the source code in **GIT** for various applications. Setting up the new Build Environment for various products in Linux Environment.
- ➢ Maintains and extends configuration and build sub-systems on **GIT.**

- ➢ Creating and maintaining the development and release branches on **GIT**.
- ➢ Using **Maven** as a build tool, I could automate the process of building artifacts.
- ➢ Supported and helped to create dynamic views and **snapshot** views for end users.

- ➢ Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- ➢ Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave**

  configuration to implement multiple parallel builds through a build.
- ➢ Used **AWS** services like **EC2, S3, EBS, Cloud Watch, ELB** for building infrastructure.
- ➢ Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
- ➢ Help engineering teams implement **new technologies** in development for future production deployment.
- ➢ Actively monitor and administer the applications and hosting environment to increase **efficiency**, **improve reliability**, and **minimize downtimes**.
- ➢ **Measurement**, **optimization** and **tuning** of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.
- ➢ Experience in scripting for monitoring/deployment using Ansible to automate the task/deployment/install is strongly preferred.
- ➢ Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
- ➢ Containerizing applications using tools like Docker, Kubernetes and experienced DTR
- ➢ Managing/Tracking the defects status using **JIRA.**
- ➢ Automating the manual process if any, by writing the **Shell scripts.**
- ➢ Involved in deployment of the application using **Tomcat.**
- ➢ Primary responsibilities include Build and Deployment of the java applications onto different Environments like **QA, UAT, pre-Prod** and **Prod.**
- ➢ Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.

Project : Citi Bank

- ➢ Client: Citi Bank
- ➢ Platform: Ansible, Docker, Jenkins, Maven, GIT, GITHUB, AWS, Nexus, Apache Tomcat and SonarQube.

Roles and Responsibilities:
- ➢ Creating Tags and support branches and Manage code repositories (branching, labeling etc.).
- ➢ Adding /Deleting, Permissions and Customizing Views and Branches.
- ➢ Coordinate build and deploy activities
- ➢ Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
- ➢ Performing installation testing on builds before handing over to QA team.
- ➢ Worked with developers, QA and Product support teams to identify and resolve build problems.

- Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
- Develop and maintain build and release process documentation.

- Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
- Assisting development team in resolving issues with build, environment, SCM and tools.
- Perform code build and deploy.
- Automated the build and deploy tasks using Maven & Jenkins
- Performing the GIT Merging activities.
- Configuring the DOCKER containers and creating Docker file for different environments.
- Deploy and monitor scalable infrastructure on Amazon web services (AWS)

Career History

(2) Had Worked as a **Deskside Engineer Service delivery** for **Progressive Infotech pvt.ltd** from 2017 to 2018 .

Project :

- Client: **DXC Technologies**
- Platform: Linux, Maven, GIT, GITHUB, AWS, shell scripting, Jenkins, Nexus, SonarQube, Docker, Tomcat, Kubernetes, Terraform and Ansible.

Roles and Responsibilities:
- Creating Tags and support branches and Manage code repositories (branching, labeling etc.).
- Adding /Deleting, Permissions and Customizing Views and Branches.
- Coordinate build and deploy activities
- Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
- Performing installation testing on builds before handing over to QA team.
- Worked with developers, QA and Product support teams to identify and resolve build problems – Monitoring and maintaining Production Application.
- Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
- Develop and maintain build and release process documentation.

- Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
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- Configuring the DOCKER containers and creating Docker file for different environments.
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Declaration

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place:
Date:

Rahul Kumar