

G TEJ KUMAR

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Objective

To work as a DevOps Engineer in a challenging & creative environment in IT industry and effectively contribute towards the goals of the organization and also to achieve perfection in all my works through hard work with proactive attitude.

Professional Summary

- Carrying with 5+ years of experience in Infrastructure CI/CD and LINUX Administration. Expertise in supporting multiple projects during builds and release process.
- Experience on installing tools like **GIT, Jenkins, Maven, SonarQube, Nexus, Docker, Kubernetes** and **Ansible** in **Linux** Environment.
- Hands on experience with version control tool like **GIT, GITLAB, Bitbucket**.
- Experience on **GIT**- Created branches, tagging, setting externals and providing access permissions to the developers over branches.
- Good working experience on **Linux** Operating Systems.
- Hands on Experience with Build Tool **Maven** to generate project **Artifacts**.
- Good experience in deploying the build artifacts in **Tomcat** Server.
- Hands on experience in automating build process using **Jenkins** CI Tool.
- Used tool like **Docker** for containerisation and deployment automation.
- Experience on **Docker & Docker Swarm** installation.
- Having Experience in writing **Docker** files.
- Having good knowledge on container-orchestration tools like **Docker swarm** and **Kubernetes**.
- Experience on setting up of **docker swarm cluster** and creating docker services in docker swarm cluster.
- Having knowledge on setting up of **Kubernetes** cluster using **KOPS**.
- Knowledge on setting up of **Kubernetes** cluster using **Kubeadm**.
- Knowledge in manage and deploying applications in **Kubernetes** cluster.
- Having knowledge for creating **Kubernetes** manifest files like **Replication Controllers, Daemon sets, Replica sets and Deployments**.
- Knowledge in writing playbooks using **Ansible** to automate installation and configuration of servers.
- Design, integration, deployment and administration of Tomcat Application Server on **Linux** platforms.
- Working on **Agile methodology** for project planning and execution where we have weekly sprints and daily meetings with clients.
- Experience in end-to-end building and Deploying and configuring process and implementation from local **QA** environment to **UAT** and **Pre-Production**.
- Having knowledge in Amazon Services like **EC2, S3, ELB, EBS, Auto Scaling** and **IAM**.
- Knowledge in building the DevOps Platform using configuration management tools like **Ansible**.
- Ability to accept challenge, learn and grown in good profession manner.
- Successful in communicating with people at all levels and with other departments as needed to best serve the customer.

IT Knowledge Purview

Version Control Systems	GIT, Github, GITLAB, Bitbucket
Operating Systems	Linux/Windows
Database	SQL, MongoDB, RDS
Scripting	Shell Scripting
Build Tool	Maven
Web Server	Apache
Application Server	Apache Tomcat
Artifactory Repository	Nexus
Source Code Quality Mgt Tool	SonarQube
Continues Integration Tool	Jenkins
Cloud Environment	AWS (IAM, EC2, S3, EBS, ELB, VPC)
Deployment Tools	Docker, Ansible, Kubernetes
Bug Tracking/Ticketing Tool	Service now/ JIRA
Application Monitoring Tool	Prometheus

Work Profile

Current Designation : DevOps Engineer
Area of Work : DevOps Engineer
List of Major Technologies : Red Hat Linux, Shell Scripting, Git, Maven, Apache Tomcat, Jenkins, Docker, New Relic, Jira, AWS.

Academic Credential

- SSC from Sathya Sai School (State board), Secured 80%
- Secondary Education from Sri Chaitanya Jr College with 92.5%.
- **B.Tech** in **Electronics & Electronic Engineering** From **K L University** with 83%

Professional Experience

TATA CONSULTANCY SERVICES, Bangalore	Systems Engineer	From November 2018 to till now
Infosys Limited	Senior systems Engineer	From September 2015

Projects

Project:

Project Name	Core Systems Finland
Client	Nordea
Role	DevOps Engineer
Environment	Linux, GIT, Shell Scripting, Maven, SonarQube, Jenkins, Nexus, Docker and AWS.

Roles and Responsibilities:

- Setting up the new build environment for various applications in **Linux** environment.
- Managed to organizational standards by maintaining the source code in **GIT** for various applications.
- Using **Maven** as a build tool to automate the process of building **Artifacts**.
- Configuring quality gates and quality profiles, as per client's requirement in Code Quality tool **SonarQube** and generating HTML report for the projects.
- Implementing **Jenkins** for CI-CD Process using Scripted and DSL Pipelines.
- Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
- Having Experience in writing **Docker** files and **Docker-compose** files.
- Worked on docker for create **containers** and **images** using docker file.
- Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
- Responsible for creating and configuring **docker volumes**.
- Responsible for creating docker swarm cluster and deploying docker services in docker swarm cluster.
- Responsible for configuring **Nexus** to maintain docker images.
- Implemented a CI/CD pipeline using **Git, Jenkins** and **Docker** for complete automation from commit to deployment.
- Having Experience with Application monitoring tool like **New Relic**.
- Used **AWS** services like **EC2, S3, EBS, ELB, AUTO-Scaling, IAM, and SNS** 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.
- Primary responsibilities include Build and Deployment of the java applications onto different Environments like **QA, UAT, Pre-Prod (staging), and Production**.

PROJECT:

Project Name	Nordea Personal Corporate Banking
Client	Nordea
Role	DevOps Engineer
Environment	Linux, GIT, Shell Scripting, Maven, SonarQube, Jenkins, Nexus, Docker.

Description:

Currently Application teams doing their build and deployment through manual tasks. As DevOps implementation process, we have automated their entire process for build and deployment using DevOps tools for development to higher environments.

Responsibilities:

- Automate Deploy process for the Java and .net environment, compiling the project source code, and packaging using the build script and deploy to appropriate Environments.
- Deployment automation into different environments.
- Deployment of War files in Tomcat application servers.
- Handle multiple builds from development team, create build and perform deployment activities.
- Maintain Dev, QA, Performance & UAT environments i.e. make sure they are always up and running.
- Configuration of Jenkins CI tool for automated build & deployment process and Integrating Jenkins with Docker.
- Preparing Deployment plans for different Environments in Release operation Centre
- Provide application support and responsible for all environments.
- Troubleshooting application related issues by log verification.
- Maintain track of different releases that are being carried over in different environments.
- Performed the SCM migration from Subversion to GIT environments.

Project:

Project Name	Private Wealth management (PWM)
Client	SunTrust Bank
Role	DevOps Engineer and SSIS Package Developer
Environment	Linux, GIT, Maven, SonarQube, Jenkins, Nexus, Docker.

Project Description:

This project mainly works on the investment and wealth planning/management by providing the various schemes for the employees, customers and retailers this has included statements as well which are go to the US federal government.

Responsibilities:

- Create and maintain fully automated CI/CD pipelines for code deployment of microservices.
- Creating and Configuring the Organization with Ansible Server and setup.
- Committed various Git webhooks for continuous integration operations. Involved in scheduling the automated builds.
- Built and deployed Docker containers used to run microservices as containers and improve developer workflow, increase scalability, and optimize speed
- Managed the entire release communication and Release co-ordination during the Project roll-out.
- Involved in estimating the resources required for the project based on the requirements.
- Deployment for various deployment scenarios like Tomcat deployment, Multiple applications deployment
- Implementing new projects builds framework using Jenkins.
- Install, Configure, Administer Jenkins Continuous Integration Tool.
- Branching, Tagging, Release Activities on GIT.

(G TEJ KUMAR)