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DevOps Engineer   **Phone No: +91-7993887653**

Objective

I look forward to associate with organization that can extensively use my capabilities in the field of Software Configuration Management, Build and Deployments domain and to be associated with an Organization that gives scope to apply my Knowledge and Skills to Contribute for progressive growth of the organization and to grow myself as a professional capable of making a positive change for my Organization

Academic Profile

- ➤ Post Graduation from **NIT TIRUCHIRAPALLI (NIT-TRICHY).**
- ➤ Graduation from **JNTU Kakinada University (JNTU-K)**

Professional Summary

- ➤ Having **3.5+** years of Industrial working experience in which worked as DevOps Engineer role in the field of Software Configuration Management, Source Code Management, Build and Release Management, Code Quality Analysis, Artifact Repository Management, **Continuous Integration and Deployment**, **Containerization**, **Container Orchestration and** Expertise in supporting multiple projects during builds and release process.
- ➤ Hands on experience with version control tool like **GIT.**
- ➤ Experience on**, GIT**- Created branches, tagging, setting SVN externals and providing access permissions to the developers over branches.
- ➤ Good working experience on **Linux and Windows** Operating Systems.
- ➤ Scripting in multiple languages on **UNIX**, **LINUX** Like **Shellscript**

- ➤ Used Shell scripting in automating many modules.
- ➤ Hands on Experience with Build Tool **Maven** to generate project **Artifacts.**
- ➤ Hands on experience in automating build process using **JENKINS** Tool.
- ➤ Good Experience in Continuous integration using the **Pipeline** View.
- ➤ Very good knowledge on Deployment process using the **Ansible**
- ➤ Good experience in deploying the Artifacts in **Tomcat** Server.
- ➤ Good knowledge in checking the code quality using the **SONARQUBE.**
- ➤ Performance testing for complex systems, Build Release and environment planning, designing, implementation for projects across **different technologies.**
- ➤ Supporting scheduled builds using scripts and tools.
- ➤ **Troubleshoot** the Application related issues in **production & Non- production** environments.
- ➤ Familiar with Software Development **Life Cycle (SDLC)** process.
- ➤ Good knowledge on **methodologies** like **Agile and** waterfall **model** for project planning and execution.
- ➤ Experience in end to end building and Deploying and configuring process and implementation from local **QA** environment to **UAT** and **Production**.

- ➤ Participate in building the DevOps Platform using configuration management tools like **Ansible.**
- ➤ Used tools like **Docker, Ansible** for deployment automation**.**

- Good Knowledge using the backup repository **Nexus.**
- **Docker** installation and image setup.
- Creating custom image from a **Docker File.**
- Experience in installing and configuring the **Apache & tomcat** servers
- Good experience on creating and configuring **Docker volumes** and **Docker Networks**.
- Having good knowledge on writing **Docker Compose** Files using YAML and deploying Docker services in Docker Swarm Cluster using stack deploy.
- Strong knowledge in understanding and applying the concepts of **Kubernetes** for container Orchestration.
- Good experience on creating Pods using Kubernetes manifest files like Daemon set, Replication Controller, Replica set and Deployments written in YAML script.
- Creating Kubernetes Services to establish connection between the Pods.
- Having experience on creating and configuring **Persistent Volumes** and **Persistent Volume claims**.
- Strong experience in Kubernetes cluster setup using **KOPS** and deploying applications in Kubernetes cluster and working with **K8s Ingress**.
- Experience in setting up **metrics server** for K8s Cluster to achieve auto scaling of Pods by using **HPA** deployment.
- Implemented CI/CD using Jenkins, Docker and Kubernetes.
- Performed continuous Build and Deployments to multiple environments like **DEV, QA** and **UAT.**
- Troubleshooting issues and making sure resource availability as per SLA
- 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.

TECHNICAL SKILLSET

Version Control System tools	GIT, GitHub
Operating Systems	Windows, Linux(Red Hat, Ubuntu)
Configuration Management	Ansible
Scripting	Shell Scripting
Build Tools	Maven
Web Server	Apache HTTP
Application Server	Apache Tomcat
Continuous Integration Tools	Jenkins
Containerization tool	Docker
Container Orchestration Tools	Kubernetes and Docker Swarm
Artifactory Repos	Nexus Artifactory
Quality Management Tool	SonarQube
Monitoring Tools	Prometheus, Grafana
AWS Services	VPC, EC2, ELB, RDS, S3, IAM

Professional Experience

- ➤ **Client:** Working as **DevOps Engineer** at **Infinite computer solutions**
  Payroll Company: Working as **DevOps Engineer** at **ESOL Technologies from October 2017 to till date**

Projects

Project#2:
- ➢ Role   : DevOps Engineer
- ➢ Project Duration   : December 2019 – Till date.
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Roles and Responsibilities:
- ➤ Worked with development, QA and operations teams to ensure that newly developed software code is built and released as smoothly and efficiently as possible.
- ➤ Maintaining the source code and performing deployments towards TEST/UAT environments and troubleshooting on various servers in case of failures.
- ➤ Strong command in understanding the Project Object Models of java projects
- ➤ Installed Continuous Integration Server Jenkins as a service, configured the projects on Jenkins and automated the build, deployment and test execution on all the target platforms.
- ➤ Shared the nightly build results with the teams.
- ➤ Creating new Build Jobs, Plug-in installation and management, setting up master-slave architecture using Jenkins.
- ➤ Troubleshoot the nightly build failures and alert the respective development teams for quick solutions.
- ➤ Responsible for setting up Docker Swarm Multi Manager Cluster.
- ➤ Responsible for creating multiple docker services using docker compose and doing stack deploy.
- ➤ Responsible for Draining nodes, Assigning labels and Constraints to worker nodes and creating containers in required mode.
- ➤ Implemented CI/CD using Jenkins, Docker and Docker Swarm.
- ➤ Manual Scaling of Docker Containers as per the load requirements and achieving high availability.
- ➤ Managing Docker volumes and Docker Networks for Containers.
- ➤ Using Cloud Watch for monitoring server metrics and creating alarms.

Project#1:
Role   : Build and Release Engineer
Duration   : October2017- December2019.

Roles and Responsibilities:
- ➤ Administration of **Github** tool includes creating **branches**, **tagging**, **access permissions** and setting up **hooks locks**.
- ➤ Maintaining Subversion code repository and **backup files**.
- ➤ Experience in Creating **branches and tags** to separate build system after a milestone releases and Create build storage archives for back tracking builds.

- Used **Maven** scripts to build the source code. Supported and helped to create Dynamic Views and Snapshot views for end users.
- Automated build scripts using **Maven** and **Shell Scripts**.
- Configured **Jenkins** CI tool for project and setup Nightly Builds.
- Automated the code deployment process in each environment (development, QA, Staging, Production).
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using **Jenkins**.
- Installation, Configuration and Administration of **Jenkins** over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured jobs along with various plug-in for Continuous Integration, Release Builds for **AGILE** and Production Branches.
- Accomplished in tool automation using **Shell scripting.**
- Participated in Bug review meeting and release the builds to **pre-production and production servers.**
- Involved in deployment of the application using **Tomcat.**
- Performed **Build** and **Deployment** activities without any rework.
- Responsible for the **deployment on Linux** for Dev/ QA, staging, production**s** environment.
- Preparing the build statistics and produce to the management team.
- **Troubleshoot** deployment problems, **release issues** and **environment issues** in a multi-component environment.

Quick-Stat:

SSC	A.P. RESEDENAIL SCHOOL-SRIKAKULAM	92.5 % **(A.P-STATE 11th Rank)**
INTERMEDIATE	CHAITANAYA INTER. COLLEGE	91 % **(Distinction)**
B.TECH	JNTU-Kakinada	77.5% **(Distinction)**
M.TECH	NIT-TRICHY	7.6 CGPA **(Distinction)**

Interested Profiles - DevOps Engineer, Sr.DevOps Engineer, SRE, Build Engineer, Release Engineer
Current Location- Visakhapatnam (Vizag)
Total Experience- 3.5+ years
Relevant Experience for Maven, Jenkins, Sonarqube, Shell Scripting - 2 years
Relevant Experience for Docker, Kubernetes, Terraform, Ansible, Cloud – 1.5 years
Official Notice period: 15 days
Any offer in hand: No
Reason for Job change: Better Opportunity

Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above-mentioned particulars.
Date: 29/11/2021
Place: Visakhapatnam   Sudheer Kumar