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Career Objective

Seeking a challenging role to work in a professional environment that provides opportunity to learn key technologies, be an effective team player in developing, managing projects and to be an asset for the organization by delivering to the best of my capabilities.

Professional Summary

- As a DevOps Engineer, Having 2.8 years of experience in Maven, Git, GitHub, Jenkins, AWS, Shell Scripting, Python, SonarQube Docker, Kubernetes.
- Working experience in continuous integration using **Git, GitHub, Ant, Maven, Jenkins SonarQube & Nexus.**
- Working experience in Continuous Integration setup. Configured multiple build jobs, integrated test cases, created distributed build environments, performed plug-in installations, backup. Etc. using **Jenkins CI/CD**.
- Working experience in continuous delivery, Infrastructure automation using Ansible.
- Good experience in creating **Docker File**, **Docker images** and pushing them to Docker hub.
- Good experience in **Amazon Web Services (AWS)**, Creating EC2 Instances and configuring all necessary services.
- Good exposure to Amazon Web Services like **EC2, S3 bucket, EBS, EFS, ELB, Auto-Scaling, AMI, IAM, Auto Scaling, VPC, VPC Peering, CloudWatch through AWS Console**
- Working experience on operating systems like **Windows, Linux**.
- Good knowledge of programming concept, OS related issues, Server configuration and builds and release process.
- Responsible for Maintaining/Administration of GIT Version control tool. Create branches in GIT & provide access permissions to developers on need basis.
- Daily activities include creating builds for multiple projects, deploying the artifacts in multiple QA and DEV environments and debugging issues.
- Deploying Applications **(EAR, WAR, JAR)** on clustered environment.
- Performing Build automation using Build automation tools like Jenkins.
- Worked on launching Amazon EC2 Cloud Instances using Amazon Web Services
- (Linux/Ubuntu) and configuring launched instances with respect to specific applications.
- Good Knowledge on **Microservice-Architecture** managing with Kubernetes cluster.
- Excellent communicative, interpersonal, intuitive, analysis and leadership skills.
- Well-versed in all phases of software development life cycle. Worked with Stakeholders like DEV, QA, Production control team...etc.
- Experienced in Source Code Management, Installing Package, Change Management and Software Builds & Release management
- Container Management using **Docker & Kubernetes.**

- Created Clusters using Kubernetes and worked on creating many pods, replication controllers, replica set, services, deployments, labels, health checks and ingress by writing **yaml** files.
- **Troubleshoot** and resolve issues within the **Docker and Kubernetes environment**.
- Ability to troubleshoot build and deployment issues.
- Managed Kubernetes charts using **Helm.** Created reproducible builds of the Kubernetes application, templatize Kubernetes manifests, provide a set of configuration parameter to customize the deployment and managed release of **Helm packages.**
- Having Knowledge on **EKS, Ingress Load Balancer, Prometheus** and **Grafana.**

Technical Skills

SCM Tools	GIT
Build and Containerization Tools	Maven and Docker
CI Tools	Jenkins
Configuration Management tools	Ansible
Ticketing Tool	Jira
Web/Application Servers	Apache Tomcat, JBoss.
Scripting Languages	Shell Scripting, Python.
Cloud	AWS (EC2, S3, ELB)
Operating system	Linux and Windows

Professional Experience

- Currently working as **DevOps** Engineer with **Grace Infotech**, Chennai **from June 2019 to Till Date**.

Education Qualification

- **M.sc (Master of Science)** with specialization in **Mathematics** with 65% aggregate from Sree Vidyanikethan Degree College, Rangampet affiliated to Sri Venkateswara University, Tirupati, Andhra Pradesh, India.
- **B.sc(Bachelor of Science)** with specialization in **Computer Science , Mathematics , Statistics** with 79 % aggregate from Sree Vidyanikethan Degree College, Rangampet affiliated to Sri Venkateswara University, Tirupati, Andhra Pradesh, India.

Project Details

Project#2

```
Client              : Scotia Bank
Designation         : DevOps Engineer
Environment         : Java, Maven, GIT, SonarQube, Jenkins, Nexus, Shell scripting,
Docker &Tomcat Servers 8.
Period              : Sep 2021 until Current.
```

Role Snapshot:

- Coordinated with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
- Installed and configured Jenkins for Automating build, deployments and test execution and providing a complete automation solution.
- Product Integration responsibility of integrating all the available components and build single image file to be flashed.
- Designing and implementing fully automated server build, management, and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agents, SSH, deployment and testing.
- Build and deploy the java EE applications and web based applications to middleware Servers like Tomcat and Jboss using pipeline script through Jenkins.
- Implemented continuous integration using Jenkins
- Created repositories according to the structure required with branches, tags and trunks.
- Responsible for maintaining Multiple DevOps tools & configuring across all projects **Git, Maven, Jenkins, Nexus Artifactory, Ansible**.
- Configured web servers (Tomcat) to deploy the code.
- Extensive experience in administrating and configuring Jenkins server.
- Integrated Maven with Jenkins for the builds as the Continuous Integration process.
- Experience in deploying applications on Tomcat server.
- Worked in creating **Docker** images and pushing them to Docker hub.

Project#1

```
Client              : SEARS
Designation         : DevOps Engineer
Environment         : Maven, GIT, Jenkins, Nexus, Linux, Docker, Tomcat & Kubernetes.
Period              : September 2019 to August 2021.
```

Role Snapshot:

Roles and Responsibilities:

- Used the Maven for building war files.
- Setting up the build and deployment automation for java-based Projects by using **Jenkins** and **Maven.**
- Creating jobs using **Jenkins**.
- Integrated **Git** into **Jenkins** to automate the code check-out process

- Verify deployment logs to check for successful deployments.
- Troubleshooting application related issues by log verification.
- Worked on Jenkins by creating and scheduling jobs, builds and deployments.
- Configured the Jenkins with GitHub repository.
- Created Git Repositories and specified branching strategies that best fitted the needs for the client.
- Configured the SonarQube with Jenkins server.
- Configured the Nexus Art factory repo with Jenkins.
- Used Maven as a build tool on java projects for the development of build artifacts on the source code.
- Defined branching and merging strategies.
- Deployed the java applications into web servers like Apache Tomcat.
- Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.

Declaration: I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: **Signature**

Place: Chennai   **K Ganesh Sundar.**