**SEKHAR**

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**CAREER OBJECTIVE**

To be able to work as a DevOps Engineer in a whole new different environment where my diversified skills in Continuous Integration, Continuous Delivery, Software Configuration Management and Software Build and Release will be greatly challenged to meet the company's objective.

**PROFESSIONAL SUMMARY**

* Over all 3.5 years of IT in a DevOps Environment with CI/CD as a Iterative process.
* Familiar with Software Development Life Cycle (SDLC) processes.
* Hands on Amazon Web Services (AWS) Like EC2, Auto Scaling, ELB, S3, and Cloud watch etc.
* Experience in Installing, configuring and maintaining Apache/Tomcat Application Servers.
* Strong experience with version control systems GIT including branching and merging strategies.
* Setup code repositories Like GIT and managed plug-ins for Jenkins for scheduled automatic checkout of code.
* Extensive experience in using MAVEN as build tools for building of deployable artifacts (jar & war) from source code.
* Hands on experience on Creating Distributed Environment using Master-Slave Architecture.
* Created build slaves, configured and maintained build jobs for build automation and release process in JENKINS.
* Experience at DevOps Engineering in automating, building, deploying, and releasing of code from one environment to other environment like Dev, QA, Staging and Production.
* Experienced with continuous integration, continuous delivery, continuous deployment and continuous monitoring.
* Hands on experience on managing micro Services using Docker and Kubernetes.
* Having experience in creating custom Docker images using Docker Containers.
* Involved in Creating containers and managing them in both production and non production environments.
* Implemented Monitoring for Docker and Kubernetes Components and Services Running.
* Hands on writing Ansible playbooks to creating infrastructure and Deployments.
* Experienced working with Application deployments and environment configuration using Ansible.
* Experience in Ansible playbooks, Roles applies to server and mange the Nodes.
* Managed Dependency Management within the teams by installing and configuring Nexus Repository Manager.
* Experience in designing, building and maintaining an automated build and release environment.
* Knowledge on Shell Scripting.

**Skill Set**

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| --- | --- |
| Operating System | Linux and Windows |
| Cloud | AWS |
| Version Controls | GIT GitHub and Subversion |
| Build Tools | Maven and ANT |
| CI Tool | Jenkins and Bamboo |
| Configuration Tool | Ansible |
| Containerization | Docker and Kubernetes |
| Web/Application Servers | Apache Tomcat |
| Scripting | Shell Scripting |

**PROFESSIONAL EXPERIANCE**

* Working as a DevOps Eng at L&T infotech from March 2019 to till now.

**EDUCATIONAL QUALIFICATION**

* Bachelor of Technology from GOKULA KRISHNA COLLEGE OF ENGINEERING, JNTUA.

**PROJECT 2 : Current Project**

**Project name : Sears**

**Role : DevOps Engineer.**

**Responsibilities:**

* Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
* Designing, implementing and supporting fully automated Continuous Integration (CI) and Continuous Delivery (CD) processes.
* Support the engineering teams regarding CI/Build tools, Environments and Automation.
* Involved in Branching, Tagging and Merging of code delivery at required releases.
* Help Development teams automate the environment setup using tools like Ansible.
* Setup DEV, QA and UAT environments for every sprint using Ansible.
* Build engineering automation and productivity tools to streamline deployment pipeline.
* Troubleshoot and resolve issues related to application deployment and operations.
* Responsible for Maintaining/Administration of **Jenkins** Continuous integration Tool.
* Interacting with developers to sort out issues related to Build Automation.
* Documentation of patch Management process and build/release Process.
* Configuring the Day and Night Builds for the sprint teams in Jenkins.
* Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using Ansible, Configuring CRON Jobs for executing daily activities such as Backup/Archive etc.
* Daily user support for enterprise systems, networking and workstations.
* Created **Docker images** using **Docker files** to support containerization of applications.
* Configuring the **Docker containers** and creating Docker Compose for different environments.
* Implementing Containerization (**Docker**) for application launching containers and images
* Responsibilities include developing complex build, test, provision, secure and deployment systems and providing support to a large community of developers and testers.
* Develop scalable build, test and deployment systems in virtualized environments.

**PROJECT 1: British Petroleum**

**Description:**

BP down stream’s activities include the refining, marketing, manufacturing, transportation, trading and supply of crude oil, petrochemicals and petroleum products. Downstream is responsible for BP's fuels, lubricants and petrochemical businesses and has major operations located in Europe, North America and Asia.

**Roles & Responsibilities:**

* Being a part of DevOps, I help to application teams to adapt to the DevOps culture and on board the applications onto CI & CD delivery pipeline as an initial phase of implementation for individual application till production.
* Experience in using AWS cloud services like S3, EC2, ELB, EBS, VPC, Security Groups)
* Responsible to creating EC2 instances and S3 buckets with user permissions and profiles in AWS
* Responsible to create branches for different parallel developments and merge requests.
* Need to setup the Jenkins pipeline for regular build and deployment
* Created CI/CD Pipelines for python (web2py), PHP and Node applications using Bit Bucket, Jenkins and Ansible on AWS Cloud.
* Ability to automate the provisioning and configuration of cloud-based environments with configuration management tools, including Cloud Formation, Ansible.