KISHOR BABU
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Cloud & DevOps Engineer

CAREER OBJECTIVE :

To work with Progressive and Professional organization, have challenging and responsible opportunities, which will help to improve my knowledge and utilize my strengths and skills**.**

PROFESSIONAL SUMMARY :

- **DevOps Engineer** with **2 years 6 months** of experience. Capable of demonstrating detailed understanding of **Software Configuration Management, Deployments** and **Cloud Services.**
- Responsibilities included continuous Build, Test, Deploy and Release management for application, working to various environments.
- Proficiency with Configuration Management & Build management tools such a**s Ansible, AWS, Maven, GIT, Jenkins, Shell Script, and Docker.**
- Experience in setting up project baselines, branching strategies, merging and taking regular backups of the source code.
- Experience in administration, maintenance of source control management systems GIT.
- Worked as GITHub, Jenkins administrator as part of my role and monitored the repository for various issues.
- Extensive experience in using Build Automation DevOps tools like ANT, Maven, and Jenkins.
- Handful experience on continuous integration(CI) and continuous delivery(CD) using Jenkins.
- Designing POC documents for pre and post build activities.
- Experience in Build, Package and Deploy to all the environments by targeting to Tomcat Apache.
- Deploying, configuring, managing, Master and Agent machines using Ansible.
- Automated the deployment of artifacts to various environments DEV, QA, UAT using Ansible Playbooks
- Configuring and maintaining master server, creating modules and pushing them to clients.
- Experience with Container based deployments using **Docker** and familiar with Docker images, Docker hub and Docker registries.
- Good knowledge on managing Docker orchestration and Docker containerization using Kubernetes.
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker containers.
- Good knowledge on Infrastructure as a code tool (**Terraform**).
- Monitoring remote hosts, servers by using Nagios monitoring tool.
- Managing artifacts repositories by using Nexus Repository Manage.
- Jira ticketing tool.
- Experience in core AWS services (**S3, EC2, ELB, EBS, Route53, VPC and Auto Scaling**) and security practices (**IAM and Cloud Watch**)
- Good Knowledge of using different protocols like FTP, SSH, HTTP, HTTPS and Connect direct.
- Configured and managing security groups and VPC
- Implementing Organization DevOps strategy in various environments of Linux servers along with adopting cloud strategies based on Amazon Web Services.
- Administration of Production, Development and Test environment's carrying Windows, Ubuntu, Red Hat Linux, SUSE Linux and Centos.
- User Administration in Linux such as adding a new user account, modifying, deleting user account and granting sudo access based on the requirement.
- Strong use of Shell scripting languages
- Good hands on to support for multiple environments and as well as communicating with different teams.
- Hands on experience in daily activitsies like Disk Management and User Management issues.

- ➢ Utilized Linux Admin skills on deployment servers to make sure the servers are up and running as expected.
- ➢ Participated in release level discussions and gone through the total **SDLC** and Agile process.

EDUCATIONAL QUALIFICATION: B.Tech from Rise Krishna Sai Gandhi Group of Institution, Ongole in 2019.

PROFESSIONAL EXPERIENCE :

- ➢ Currently working as a DevOps Engineer Indegene, Banglore from January 2021 to till date.
- ➢ worked as a DevOps Engineer in TCS, Chennai from August 2019 to December 2020.

PROJECT 1:
Client : Boehringer Ingelheim.
Role : Configuration Engineer.
Duration: January 2021 to till date.

RESPONSIBILITIES:

- • Provide support and administration of GIT/GITHUB/Jenkins related issues.
- • Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using Ansible.
- • Perform Build and release process through Maven.
- • Designed and written script for various deployment process.
- • Responsible for continuous Integration (CI) and continuous Delivery (CD) using Jenkins.
- • Integrating development branches.
- • Build expertise in Workflow for Amazon Web services like EC2, S3, ELB, EBS, VPC, Security Groups, IAM.
- • Part of a team of devOps engineer for infrastructure support on AWS cloud. Creating cloud formation scripts for hosting software on AWS cloud.
- • Used Jenkins Docker container to deploy some of our Ansible applications to AWS.
- • deploying, configuring, managing, maintaining, a server machine using Ansible.
- • using of Shell scripting languages for Linux platforms.
- • Hands on experience on daily activities like Disk Management and User Management.
- • As a build engineer worked towards automating build process by writing shell scripts.
- • Building the source code using Subversion and Jenkins.
- • Build and deployment scripts according to SCM team standards and processes to QA, Performance and Production Environments.
- • After completion of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build.
- • Used Ansible for automation of packages in different environments.
- • Perform smoke/sanity tests for the applications deployed and also troubleshoot the application for the issues that arise as part of the smoke test process.
- • Configuring Docker containers and Docker files for different environments.
- • Created Docker images using Docker files to support containerization of applications.
- • Handled projects from compilation to delivery of software components.
- • Executed project under software release life cycle.

PROJECT 2:
Client : Tryg
Role : CI/CD Engineer.
Duration: August 2020 to December 2020.
Description: Tryg A/S is a Scandinavian insurance company present in Denmark, Norway, Sweden and Finland. The   company is the second largest provider of general insurance services in the Nordic countries and is listed on Nasdaq OMX Copenhagen.

Responsibilities:
- Building a monitoring and observability platform for an insurance client
- Architect and automate the infrastructure setup with AWS and CloudFormation.
- Strategic planning for long-term vision of platform monitoring and observability.
- Build and release management with Jenkins and AWS ECS .
- Setup logging and monitoring using cloudwatch & AppDynamics.
- Monitoring using Cloudwatch and Secrets management using AWS Secrets Manager.
- Involved actively in setting up the CI/CD pipeline utilizing Jenkins, Maven, BitBucket, python and AWS.
- Implemented End to End infrastructure monitoring and alerting along with dashboards.

PROJECT 3:

Client : AIG

Role : CI/CD Engineer.

Duration : Aug 2019 to July 2020.

Description : AIG is the largest underwriter of commercial and industrial insurance. AIG offers property casualty insurance, life insurance, retirement products, mortgage insurance and other financial services.

Responsibilities:
- Administered GIT repositories source tree and user account administration, branching, merging, patch fixes, snapshots, and training users.
- Managed daily builds and releases to all the environments.
- Debug build failures and worked with developers and QA personnel to resolve issues.
- Working and periodically meeting with Enterprise Architects, Project Managers, Scrum Master, Vendors, Developers and Deployment Managers to define and implement a Software Configuration Management solution.
- Experienced in defining various branching, labelling and merging strategies.
- Implemented the automation scripts (Batch, shell Script) for deployment process to different environments.
- Prepared ANT builds and integrated to CI Environment for build automation activity.
- Installed and configured Jenkins with third party tools (plug-ins) for continues integration process.
- Installation and configuration of Tomcat for different project teams.
- Setting up deployment regions and automate deployment process to release environments.
  Automated nightly build, test, and reporting mechanisms using Jenkins.