KISHOR BABU
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Career Objectives

Having 2 years 6 months of experience with DevOps Engineer. Seeking for growth oriented position and good environment where my knowledge and experience can be shared and enhanced.

Work Experence

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

Qualification

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

Professional summary:

- Experience in setting up project baselines, branching strategies, merging and taking regular backups of the source code.
- Implementing Organization **DevOps** strategy in various environments of **Linux** servers along with adopting cloud strategies based on **Amazon Web Services**.
- 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
- Administration of Production, Development and Test environment's carrying Windows, Ubuntu, Red Hat Linux, SUSE Linux and Centos.
- Experience in Build, Package and Deploy to all the environments by targeting to Tomcat, Apache.
- Deploying, configuring, managing, Master and Agent machines using Ansible.
- Experience in core AWS services (S3, EC2, ELB, EBS, Route53, VPC and Auto Scaling) and security practices (IAM and CloudWatch)
- Good Knowledge of using different protocols like FTP, SSH, HTTP, HTTPS and Connect direct.
- Configured and managing security groups and VPC
- Configuring and maintaining master server, creating modules and pushing them to clients.
- Strong use of Shell scripting languages
- User Administration in Linux such as adding a new user account, modifying, deleting user account and granting sudo access based on the requirement.
- Good hands on to support for multiple environments and as well as communicating with different teams.
- Hands on experience in daily activities 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.
- Designing POC documents for pre and post build activities.
- Participated in release level discussions and gone through the total SDLC and Agile process.
- Containerization tool Docker writing Docker files for creating Docker images and containers for different environments.

- Good knowledge on managing Docker orchestration and Docker containerization using Kubernetes.
- Used Kubernetes to orchestrate the deployment, scaling and management of Docker containers.
- Jira ticketing tool.
- Monitoring remote hosts, servers by using Nagios monitoring tool.
- Managing artifacts repositories by using Nexus Repository Manage. Technical summary

Operating system	Unix, Red Hat, Cent Os, Ubuntu
Build Tools	Maven
Version Control System	GIT
Web / Services	Apache Tomcat
CI Tools	Jenkins
Monitoring Tools	Cloud Watch, Efk Prometheous and Grafana
Cloud Technologies	AWS-- EC2, IAM, Route53, S3, VPC, Cloud watch, SNS, ECR, ELB, Auto Scalling, Lambda
Database	MySQL
Configuration Tools	Ansible
Scripting Language	Shell scripting
Containerization	Docker, Kubernetes
Networking Protocols	TCP / IP, SSH, HTTPD

Project1:

Client : Boehringer Ingelheim
Role : DevOps 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.

Project2:

Client : Tryg
Role : Junior oEngineer.
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

Role: Architecting infrastructure, build and release management and building cost-effective solutions for various clients and internal projects/products.

- 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.

Project3:

Client   : AIG
Role   : Junior DevOps
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.
   Role: Architecting infrastructure, build and release management and building cost-effective solutions for various clients

and internal projects/products.

- 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.