

Boobalan M

Devops Engineer

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Summary

I am looking for a responsible and challenging position in your esteemed organization to enrich my knowledge and skills while contributing my best to the institution.

Professional Summary

- **Devops Engineer** over **3 years** of Experience in **Linux, Git, Github, Jenkins, Docker, Terra form, Ansible, Splunk, AWS**
- **Build** and **deployments** under different testing environments starting from development to staging and production.
- Working Experience on **GitHub, Git, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining **Jenkins build pipeline**.
- Expertise Knowledge in version control system in **GIT**.
- Hands-on knowledge on CI/CD pipeline.
- Created shell scripts to automate CI/CD process.
- Good knowledge on Linux Administration.
- Experience with Linux/Unix environments and scripting for Build & Release automation
- Installed Jenkins custom Plugins, handled administration, backup and migration activities.
- Strong experience on build tools and packaging the source code using Maven.
- Experience in maintaining application servers like Apache Tomcat.
- Experience in code covering tool sonarqube maintaining quality control and quality gates as per client requirement.
- Participate in building the Devops Platform using configuration management tool like Ansible.
- Good experience on Ansible Installing and configuring Ansible and Ansible hosts for automation deployment.
- Experience in various Devops tools such as provisioning scripts, deployment tools, development and staging environments on AWS and using Ansible.
- Working experience on docker containerization tool and deployed various applications to various environments.
- Experience in working with docker container orchestration tool to deploy and maintain container.
- Good experience on AmazonWebServices (AWS), Creating EC2 Instances and configuring all necessary services.
- Taking the backup of S3 and attaching the EBS to instance.
- Created physical infrastructure by using VPC service.
- Working experience on operating systems like Windows, Linux, etc.
- Performed continuous Build and Deployments to multiple UAT and Production environments.
- Worked on Service now ticketing tool.

Education

- ❖ **B.E** (Computer Science) - (2014 -2017).
- ❖ Sri Ramakrishna Engineering College, Coimbatore.

Key Skills

Version Control Tools	: GIT
Containerization Tool	: Docker
Configuration Management Tool	: Ansible
Continuous Integration Tool	: Jenkins, CI/CD automation
Web Server	: Apache Tomcat
Operating Systems	: Windows, Linux
Monitoring Tools	: Splunk
Code Coverage Tool	: SonarQube
Ticketing Tool	: Service Now
Cloud Environments	: AWS
Scripting language	: Shell scripting

Work Experience

Working as Associate Devops Engineer at **Miya Mediaz – Namakkal, Tamilnadu.**
(December 2019 to Till Date)

Project Handled

Project#1

Client	Valero Energy
Role	DevOps Engineer
Environment	Linux, Git, Maven, SonarQube, Jenkins, Tomcat, Ansible, AWS.
Duration	Mar 2021 – Till Date

Description:

Valero Energy Corporation is a Fortune 500 international manufacturer and marketer of transportation fuels, other petrochemical products, and power. It is headquartered in San Antonio, Texas, United States. The company owns and operates 16 refineries throughout the United States, largest retail operators with approximately 6,800 retail and branded wholesale outlets in the United States. The Environment is a combination of Redhat servers and my sql servers this contains production, Test and Dev Environment. There are more than 40,000 users and multiple Linux in the environment Internet, Intranet and Extranet sites this project is part of Pre-Sales and helping other delivery teams.

Roles and Responsibilities:

- Installing and configuring GIT, Jenkins, Deployment and automation.
- Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Developed and implemented Software Release Management strategies for various applications according to the agile process.
- Identify root cause, and resolve problems.
- Maintaining the source code in GIT for various applications.
- Administered merge, build and deployment of the codes to all the environments.
- Responsible for creating the branches and tagging the code.
- To configure and maintain codebase to support the build and deployment of code on servers.
- Supporting the developers in configuration management environment.
- Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End- End Job Setup of all the projects.
- Jenkins is used as a Continuous Integration tool for automation of daily process.
- Involved in the release process and deployed applications (WAR and JAR) to the Tomcat.

Project#2

Client	Erie insurance
Role	DevOps Engineer
Environment	Linux, Git, Maven, SonarQube, Jenkins, Tomcat, Docker, Ansible.
Duration	Dec 2019 – Feb 2021

Description:

Erie Insurance started in 1925, with the founders H.O Hirt and O.G Crawford in Erie, Pennsylvania, U.S. It is a publicly held insurance company, offering auto, home, commercial and life insurance through a network of independent insurance agents. As of 2018, Erie Insurance Group is ranked 378th among the largest public U.S. companies, in terms of revenue.

Roles and Responsibilities:

- Set up integrated environments for GitHub and Jira, New Relic and AWS cloud.
- Performed regular builds and deployment of the packages for testing in different environments (Dev, QA, and UAT).
- Utilizing Jenkins for enterprise scale infrastructure configuration and application deployments –
- checking out the code from Github and use Maven to build jar and war artifacts.
- Defined branching and merging strategies on Github.
- Authenticate and Authorize users on Jenkins as per their responsibilities.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ CentOS) and Configuring launched instances with respect to specific applications.
- Installed application on AWS EC2 instances and also configured the storage on S3 buckets.
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch.
- Implemented AWS high-availability using AWS Elastic Load Balancing (ELB), which performed balance across instances in multiple availability zones.

- Monitoring performance metrics for applications on New Relic using Insights, APM and Browser and Infrastructure modules.
- Responsible for Jenkins plugin management, user management, Build/Deploy Pipeline Setup, and End-End Job Setup of all the projects.
- Maintaining build artifacts on Sonatype Nexus.
- Coordinate or assist the developers with establishing and applying appropriate branching, merging conventions by using GitHub.
- Involved in active Scrum calls every day as part of agile process.
- Deployed application packages on to docker containers. Coordinated with software development teams and QA teams for smoother execution of the processes.
- Communicating requirements effectively to team members and manage applications.
- Used Jira as a ticketing tool.

Personal Information

Date of Birth : 22.07.1996
Languages Known : English and Tamil
Nationality : Indian
Hobbies : Playing games, Reading Books, Listening music, Etc.,
Address : No: 4/85, East Street, Vaiyappamalai, Tiruchengode, Namakkal – 637410.

Declaration

I hereby declare that all the above furnished information is true to the best of my knowledge.

PLACE :

DATE :

(Boobalan M)