DevOps Engineer with 7 years

**Yashaswini B**

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Innovative DevOps Engineer with a strong Linux background and 7.0 of experience on designing, implementing, and managing cutting-edge deployment automation of cloud resources

* Having 7 years of experience in DevOps, Build and Release Engineer
* I am responsible for supporting the full software development lifecycle by designing, implementing and maintaining support tools, namely source control management, continuous integration, continuous delivery, repository systems, etc.
* Extensively worked with Jenkins, Continuous Integration and Automation tools
* Experience in Build and Deployment of Java, C applications on to different environments like development, QA, UAT and Production
* Extensive experience in installation, configuration and administration of SVN, GIT
* Used Ansible for Configuration Management tool
* Experienced in trouble shooting, Configuring and Deploying applications in Tomcat.
* Experience using Terraform to run and edit variables in dev or staging.
* Worked within the infrastructure as Code team building and support Terraform scripts which are used to automate

# SKILLS

* Containers and Orchestration: **Docker and Kubernetes**
* Cloud Environment: **AWS**
* Infrastructure as Code (IaC): **Terraform**
* Server configuration management tools: **Ansible.**
* OS and Scripting Languages: **Linux/Unix, windows, Shell Script-Bash**

SCM Tools: **GIT, GITHUB**

* Continuous Integration tools: **Jenkins, worked on Jenkins pipeline**
* Web Application server: **Apache Tomcat, Nagnix**
* Build Tools: **Maven, ANT, Makefile**
* Languages : **Core java J2EE**
* Defect Tracking tool: **JIRA**
* Other tools: **Helm Chart, SonarQube, Artifactory,Groovy script****, Splunk,Kafka,AppDynamics, Database stored procedure calls**

# EXPERIENCE

Company Name: Cognizant Technologies, Bangalore

2015-06– PRESENT

**PROJECT**

Provide software for networking device that forwards data packets between computer networks. Routers perform the traffic directing functions on the Internet. Data sent through the internet, such as a web page or email, is in the form of data packets.

**Technologies:** Linux, AWS cloud, Shell Script, GIT, Maven, ANT, Makefile, Jenkins, Docker, Kubernetes, JIRA, SonarQube, Artifactory (JFrog), Apache Tomcat, Ansible, Nagios

# ROLES AND RESPONSIBILITIES

* Developing Docker images to support Development and Testing Teams and their pipelines; distributed Jenkins and Ansible on docker images.
* Experience working with CI/CD implementation of Microservice based Architecture.
* Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
* Automating environment build and provisioning using containerization and orchestration tools with Docker and Kubernetes.
* Setting up Jenkins and Docker based builds in AWS.
* Introducing pipeline and automation best practices, putting together an introduction to Docker and Kubernetes on AWS.
* Developing Docker images to support Development and Testing Teams and their pipelines with distributed Jenkins.
* Manage the creation of new software applications that process financial, demographic, and resource information to create online purchase orders, reserve products for delivery, and keep clients informed of their order statuses.
* Consult with our own internal team members as well as with select clients to determine which software functionality best serves them in making both the purchasing and delivery processes easier.
* Work with contracted development team to create new applications, keeping all internal and external stakeholders informed of the progress of the development project at every step.
* Have working experience with containers (Docker)
* Procure hands on experience of DevOps tools, AWS Cloud, Docker
* Have strong knowledge of implementing Microservices architecture with CICD
* Have working experience on container orchestration systems such as AWS ECS
* Actively improve, manage and monitor cloud infrastructure on AWS, EC2, S3, and RDS, including patches and scaling
* Look after improving software testing and quality assurance tooling and processes involved in Continuous Delivery environment.
* Proficient in developing Continuous Integration/ Delivery pipelines
* Worked on automation experience on configuration/ deployment management system such as Ansible, AWS Cloud Formation
* Designed, rolled out, and managed 100+ hosts with Ansible infrastructure
* Installed and configured Nagios to constantly monitor network bandwidth, memory usage, and hard drive status
* Managed GitHub repositories and permissions, including branching and tagging
* Engaged in discovering and addressing operations shortfalls and solutions supporting development, QA and production support teams.
* Give importance in seeking quality and cost savings by automating any process we execute more than once.
* Responsible for managing the Source Code repository for Core Informatics products and customer implementations
* Involved in designing, implementing and managing, branching and merging mechanism
* Have demonstrated my ability with scripting languages and deployment packaging to support automation
* Working experience on Git
* Helping developer when he faces issues related to GIT
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Implement best practices around application and configuration management
* Supporting daily and weekly builds to various environments including PROD go live release.
* Makes sure that that the environment is up all-time including PROD and PRE-PROD environments.
* Primary responsibilities include Build and Deployment of the java applications into different environments like Dev, INT, QA and PROD.
* Have attain proficiency in written and verbal communication skills
* Ability to work in a fast paced, constantly expanding environment
* Able to troubleshoot and resolve internal and customer problems in a timely manner
* Have got Customer service and support experience with excellent written and verbal communication skills.
* Have worked with customer and supported them.
* Excellent troubleshooting skills of boot and network problems.

# EDUCATION

BE - Computer Science Engineering - GSSS INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU - VISVESVARAYA TECHNOLOGICAL UNIVERSITY

12th - MARIMALLAPPA PU COLLEGE, MYSURU - Karnataka Board of the Pre-University Education, Bangalore

10th - VIJAYA ENGLISH MEDIUM SCHOOL - KARNATAKA STATE BOARD

DETAILS

PAN No: AMVPY7316C

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