**Priya S**

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**OBJECTIVE**

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Looking forward to a position as **DevOps Engineer** in a challenging working environment where there is possibility for perfection to strive harder with complete perseverance to reach the ambitions of the organization and personal aims too.

**TECHNICAL EXPERTISE**

* Experienced and Innovative **DevOps Engineer** with **3.8 Years** expertise in Software Configuration, Release Management, Building & Deploying Software. Automation, Control & Environment Management activities in Web & Enterprise Application.
* Experience in **Shell Scripting** (Entry Level).
* Well versed in maintaining the code base for each project using SCM tools like **GitHub** and **BitBucket.**
* Worked with **Java** based build tool **Maven** and having extensive knowledge in writing pom.xml.
* Established Code Standards and Configuring Java based Quality Profile & Quality Gates in **SonarQube** Code Quality Analysis Tools as per client requirement.
* Experience in working with **Nexus** Artifactory Repository Managers for Maven builds.
* Experience in Configuring and Deploying applications in **Tomcat & Jboss/WildFly** application servers.
* Administration/Maintenance experiences in **CI/CD** tool like **Jenkins.**
* Configured and maintained Jenkins to implement the CI/CD process and integrated the tool with **Maven** to schedule the builds and automated the deployment on the application servers using various plugins in **Jenkins**.
* Experience in managing project environments like **DEV, QA, UAT, PRE-PROD**  for various releases and designed instance strategies.
* Working experience in **Docker** Containerization tool and deployed applications using containers in various environments.
* Expertise in creating **Docker Images** and maintaining Docker Images in private artifactory repository **Nexus.**
* Experience in working with **Docker Swarm** Container Orchestration tool to deploy & maintain containers.
* Experience in **Amazon AWS** Cloud Administration which includes services like **EC2, EBS, EFS, VPC, AMI** and **Security Groups, ELB, Autoscaling.**
* Experience in Setup/Managing **VPC** creating **Public & Private Subnets** connecting two different VPC using **VPC Peering.**.
* Deploying application in **Jboss** server.
* Maintaining On-premises/VM servers.
* Trouble shooting Environment/application related Issues at earliest.
* Familiar in working on the tickets raised by **Jira** ticketing tool, troubleshooting problems and working on new projects.

**TECHNICAL SKILLS**

Operating Systems : Linux (Red Hat), Windows

Scripting languages : Shell Scripting

Version Control Tool : Git

Source Code Management Tool : GitHub& BitBucket

Build Tools : Maven

Artifactory Repository : Nexus Artifactory

Code Quality Monitoring Tool : SonarQube

Application Server : Tomcat and JBOSS/Wildfly

CI/CD Tools : Jenkins

Configuration Management : Ansible

Containerization Tool : Docker

Container Orchestration Tool : Docker Swarm

Ticketing Tool : Jira

Cloud Platform : AWS

Tools : WinScp, RDP, Putty, IBM MQ

**WORKING EXPERIENCE**

* Worked as **Devops Engineer** in Unisys, Bangalore from November 2019 to February 2020.
* Worked as **Devops Engineer** in Atos, Bangalore from March 2016 to August 2019 (3 Years 5 Months).

**EDUCATIONAL DETAILS**

* B.E in Computer Science & Engineering from Panimalar engineering college in 2015.

**PROJECT DETAILS**

**# Project2**

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| --- | --- |
| **Project** | *Aircore* |
| **Role** | *DevOps Engineer* |
| **Period** | *November 2019 to February 2020* |
| **Environment** | *Linux, Shell, Git, BitBucket, Maven, Nexus, SonarQube, Jboss, Jira, IBM MQ, Tomcat, Docker, Docker Swarm, AWS* |

**Roles & Responsibilities**

* **DevOps Engineer** for a team that involved different development teams and multiple simultaneous software releases.
* Developing and implementing software release management strategies for various applications according to the **Agile Methodology.**
* Participating in weekly release meetings with technology stake holders to identify and mitigate potential risks associated with the releases.
* Responsible for daily builds/deployments from Integration environment through staging environment.
* Interacting with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks
* Coordinating with Release Management regarding appropriate system releases among other development platforms
* Configuring and maintaining the source code management repository **BitBucket.**
* Configuring the **Maven** build tool for creating the war, jar files which are automated through **Jenkins CI** process.
* Setting up **Maven** proxy repositories in **Nexus** artifactory repository to download dependency for the projects using Nexus proxy repository which is scheduled in **Jenkins** for continuous integration.
* Responsible to creating Maven and build scripts for Java EE application to produce the build artifacts (.**jar**, .**ear** and .**war**) files from the source code and tweak the scripts as per the requirements.
* Generating Project code quality HTML report by pushing the project code to **SonarQube** code quality monitoring tool.
* Creating build and deployment jobs in **Jenkins** for various project modules.
* Creating **CI/CD** pipelines scripts by integrating **GitHub, Maven, Jenkins** and more.
* Administering **Jenkins** **CI/CD** build engine for deploying, configuring, managing, maintaining jobs as per project’s requirements.
* Configured automated builds like **Webhooks**, **Poll SCM** in **Jenkins** to meet project’s build requirement.
* Running environment based jobs by configuring **Jenkins Master-Slave** technique, which builds jobs in Slave machines and automates deployment in specific environments based on pipeline script
* Deploying application in Jboss server.
* Trouble shooting Jboss environments for any application related issues.
* Maintaining On-premises/VM servers.
* Trouble shooting Environment/application related Issues at earliest.
* Familiar in working on the tickets raised by **Jira** ticketing tool, troubleshooting problems and working on new projects.
* Creating **Docker images** embedded with (.jar, .war&.ear) applications with its hardware and software dependency.
* Maintaining a backup of created **Docker Image** in **Nexus** private repository and deploying the containers in various environments using **docker-compose** feature.
* Configuring **Docker Swarm** to manage containers running on deployment serves.

**Project1:**

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| --- | --- |
| **Client** | *SCB-Standard Chartered Bank* |
| **Role** | *DevOps Engineer* |
| **Period** | *March 2016 to August 2019 (3 Years 5 Months)* |
| **Environment** | *Linux, Shell, Git, GitHub, Maven, Nexus, SonarQube, Jboss, Docker, Docker Swarm, Ansible, Jira, AWS* |

**Roles & Responsibilities**

**Roles & Responsibilities**

* **DevOps Engineer** for a team that involved different development teams.
* Developing and implementing software release management strategies for various applications according to the **Agile Methodology.**
* Participating in weekly release meetings with technology stake holders to identify and mitigate potential risks associated with the releases.
* Responsible for daily builds/deployments from Integration environment through staging environment.
* Interacting with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
* Coordinating with Release Management regarding appropriate system releases among other development platforms.
* Configuring and maintaining the source code management repository **GitHub.**
* Managing Version Control **GIT** and automated current build process with Jenkins with proposed branching strategies to accommodate code in various testing cycles.
* Configuring the **Maven** build tool for creating the war, jar files which are automated through **Jenkins CI** process.
* Setting up **Maven** proxy repositories in **Nexus** artifactory repository to download dependency for the projects using Nexus proxy repository which is scheduled in **Jenkins** for continuous integration.
* Used **Maven** distribution management system to push created artifacts to snapshot and release repository.
* Responsible to creating Maven and build scripts for Java EE application to produce the build artifacts (.**jar**, .**ear** and .**war**) files from the source code and tweak the scripts as per the requirements.
* Generating Project code quality HTML report by pushing the project code to **SonarQube** code quality monitoring tool
* Creating build and deployment jobs in **Jenkins** for various project modules.
* Creating **CI/CD** pipelines scripts by integrating **GitHub, Maven, Jenkins.**
* Administering **Jenkins CI/CD** build engine for deploying, configuring, managing, maintaining jobs as per project’s requirements.
* Configured automated builds like **Webhooks**, **Poll SCM** in **Jenkins** to meet projects build requirement.
* Running environment based jobs by configuring **Jenkins Master-Slave** technique, which builds jobs in Slave machines and automates deployment in specific environments based on pipeline script.
* Experience in **JBOSS** application server for deploying enterprise Java EE applications.
* Configuring **Docker** with **Nexus** private repository to pull its images through docker proxy and pushing created docker images containing applications to docker hosted repository.
* Creating **Docker images** embedded with (.jar, .war&.ear) applications with its hardware and software dependency.
* Maintaining a backup of created **Docker Image** in **Nexus** private repository and deploying the containers in various environments using **docker-compose** feature.
* Configuring **Docker Swarm** to manage containers running on deployment serves.
* Updating changes in deployment servers by using **Ansible** Configuration Management tool by using ansible **yml/yaml** script.
* Working within the **AWS** Cloud for configuring a secure **VPC** by creating private and public subnets in AWS.
* Configuring **VPC Peering** to share data’s between different VPC to maintain data using **AWS EFS**.
* Familiar in working on the tickets raised by **Jira** ticketing tool, troubleshooting problems and working on new projects.

Place : Bangalore

Date : **(PRIYA.S)**