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**Skill Summary:**

Having 10 years of IT experience including 4+ years into cloud-based services and in implementing core DevOps concepts such as containerization, container orchestration, IaaC, configuration management, version control, etc. by using a wide variety of technologies while automating manual tasks using scripting languages.

**Professional Summary:**

* I’m Having 4 Years of experience as a **DevOps Engineer** & good hands-on with **Software Development Life Cycle (SDLC) processes**, like **Infra-provision**, **Configuration**, **build & deploying** the **Web Based & Enterprise Application**.
* Good professional experienced in **Linux, Git, SVN, maven, Sonar, Apache tomcat,** **Web sphere , Jboss , Jenkins, Docker, Kubernetes, Ansible and AWS cloud infrastructure.**
* Experienced in SCM Tools **GIT,** SVN **and** AccuRev5.x to maintain Branching, Tagging, and Merging Concepts in with Distributed version control systems.
* Experienced to Build our source code using maven build tool for CI
* Have configured required tools for our CI/CD in manual and automated process
* Experienced to create different types jobs like free style, maven project and pipeline.
* Have created **master slave architecture** in Jenkins using SSH protocols for distributing the builds to nodes.
* Good hands-on experience to work with Linux based operating systems
* Expertise in **Code Deploy** for deployment **AWS** **infrastructure**.
* Hands on experience to create **Amazon Machine Images** (AMI’s) using Packer. And also worked on different services like EC2, EBS, EFS, S3, ELB, Cloud Formation, Auto scaling, IAM and VPC.
* Working with cross functional, geographically distributed team to provide **24/7** deployment support across multiple environments.
* Performed continuous Build and Deployments to **Dev**, **Stage** or **QA**, SIT, UAT and **Prod** environments.
* Experienced to write **Docker file** to create **docker images** and run it as **docker containers** **deployments**. Also created **Docker-volumes** for taking container data backup, also worked on **Docker-compose** to running multi-container applications.
* Good Experience in **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers.
* Have worked on custom Task definitions and Service discovery for our micro services.
* Good hands-on experience to setup and integrate **Prometheus** with **Grafana monitoring** for application servers.
* Experienced in configuration management tool like **Ansible** to configure required configurations in different remote instances using SSH protocols.
* Experienced to write custom **Docker file** for containerization the applications to deploy in AWS Kubernetes cluster.
* Created **Ansible-vault** for **encrypting** the data in security format, and also worked on **Ansible-roles** to differentiate to find the complex problems in **playbooks**.
* Hands on experience on providing automatic alerting and reporting on code quality and code coverage using Junit, SONARQUBE

**Educational Details:**

* Completed MCA (Master Of Computer Applications) from Anna University in 2010 with 74%.

## Experience:

* Currently working as AST in Tata Consultancy Services from MAR 2016, till date.
* Worked as Software Engineering Sr. Analyst in Accenture Services Private Limited from JUN 2014 to FEB 2016.
* Worked as Associate IT Consultant in ITC InfoTech India Ltd from JAN 2012 to JUN 2014.

**Certification details:**

## Technical Skills:

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| --- | --- |
| **Operating Systems** | Linux & Windows |
| **Version Control System** | GIT, SVN Tortoise |
| **Build Management Tool** | Maven, Ant |
| **Code Quality Management Tool** | SonarQube |
| **Repository Manager** | Nexus |
| **Scripting Languages** | Shell Script |
| **Continuous Integration Tool** | Jenkins |
| **Configuration Management Tool** | Ansible |
| **Application & Web Servers** | Web Sphere, Apache Tomcat,JBOSS7.x., Apache HTTP |
| **Containerization Tool** | Docker |
| **Orchestration Tools** | Kubernetes |
| **Database** | Oracle, MYSQl |
| **Cloud Services (AWS)** | EC2, S3, ELB, EFS, IAM,VPC, CloudWatch |
| **Monitoring Tool** | Splunk, CloudWatch ,New Relic ,app dynamic |
| **Java Technologies** | Java, spring boot and micro services |

**Key Projects Handled:**

**Project#1**

Title **:** **FUND ACCOUNTING**

Clients **:** CTBC, Mandiri

Duration **:** Jan2019 to till date.

**Position** : Devops Engineer

Environment **:** Core Java, Restful Web Services, JSP, Java Script, Spring boot, Maven, Git, **Jenkins** , **Linux** ,Oracle, **AWS** , **JBOSS**, **JIRA**.

**Description:**

Fund Accounting is an web application used by Mandiri bank. It provides features like Business partner creation, account creation, FX Deal, Inbound transaction, Outbound transaction, internal transfer transaction, Portfolio setup, BSPL, Creating Accounting Rules and NAV setup.

**Responsibilities:**

* Setting up the new build environment for various applications in **Windows**/**Linux** environment.
* Creating and maintaining the branching strategy on GITfor various applications.
* Using **Maven** as a build tool, I could automate the process of building artifacts
* Involving in automating the build process using Continuous Integration Tool as Jenkins with Pipeline View.
* Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
* Involving in IN safe activities like **SONAR scan**,**Fortify Scan,CSV scan,APP scan**
* Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
* Used **AWS** services like **EC2, S3, EBS, Cloud Watch, ELB** for building infrastructure.
* Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
* Actively monitor and administer the applications and hosting environment to increase **efficiency**, **improve reliability**, and **minimize downtimes**.
* **Measurement**, **optimization** and **tuning** of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.
* Automated build deployments into **EC2** using **Ansible.**
* Using Configuration management tool Ansible for configuring multiple servers.
* Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
* Managing/Tracking the defects status using **JIRA.**
* Automating the manual process if any, by writing the **Shell scripts.**
* Involved in deployment of the application using **JBOSS.**
* Environments like **DEV**,**QA,SIT, UAT,** and **prod.**

**Project#2**

Title **:** **POS**

Client **:** Apple

Duration **:** Dec2016 to Dec2018.

Environment **:** Core Java, Restful Web Services, Spring MVC, Hibernate, JUnit, Tomcat.

**Description:**

POS is an iOS application that is used on iPad, iPhone and iPod Touch. Apple Retail Store representatives use POS worldwide. It provides features like creating sale , return and exchange transactions and By doing this transactions we can search and add items and apply different type of discounts and select tender and receipt types and complete the transaction .

**Responsibilities:**

* Requirements analysis
* Involved in coding and code reviews.
* Root Cause Analysis of various Pre Production and QA issues.
* Team handling as task distribution and defect assignment.
* Defect fixing

**Project#3**

Title **:** **Mobile Genius**

Client **:** Apple

Duration **:** MAR2016 to Nov2016

Environment **:** Core Java, Spring MVC, Hibernate, Restful Web Services, Tomcat.

**Description:**

Mobile Genius is an iOS application that is used on iPad, iPhone and iPod Touch. With increase in sales and product repairs, there was a need to move away from a web-based application on desktop to mobile devices so that the store representatives have enough mobility inside the store. Apple Retail Store representatives use Mobile Genius worldwide, in order to provide after-sale support to the customers. It provides features like repair creation and tracking, product registration, agreement (extended warranty) enrolment etc. This is a fault tolerant system, which degrades gracefully when dependent systems are not available, and recovers in a structured manner when they are back up.

**Responsibilities:**

* Requirements analysis
* Providing estimations of the user stories
* Involved in Code review and prioritizing of Change Requests.
* Root Cause Analysis of various Pre Production and QA issues.
* Team handling as task distribution and defect assignment.
* Defect fixing

**Project#4**

Title **:** Aristos (WO-35)

Client **:** AT&T

Duration **:** JAN2015 to FEB2015

Environment **:** Core Java, Java 1.6, Spring MVC, Karaf server (OSGI), Restful Web Services, Web logic 11

**Description:**

WO-35 is one of the web application modules in AT&T-Aristos and this application is developed for the customer of Aristos. This allows the customers of Aristos to leverage and manage the telecom services in various parts of USA. This also provides the opportunities for the customer to log in the online application to search, order a new service, migration the existing service and so on.

**Responsibilities:**

* Involved in coding and development and involving the task related to code quality
* create and manage rest service deployable using the apache Karaf server
* Reviewing code using Sonar and Junit code coverage
* Resolve deployment issues during new environment setup
* involved in Enhancement tasks according to client Requirement
* Defect Triaging
* Writing and executing Junit

**Project#5**

Title **:** E-STRATEGY (Maps and maintenance)

Client **:** AT&T

Duration **:** JUL 2014 to DEC 2014

Environment **:** Core Java, ATG, Java 1.6, Spring MVC, Karaf server (OSGI), Rest web services, Web logic 11

**Description:**

Maps and Maintenance is an application used by AT&T for maintaining their inventory, tickets, alarm etc. The application was developed using ATG framework and migrating this to SOA architecture using Spring MVC, OSGI, web services. The migration is done in agile methodology.

**Responsibilities:**

* Involved in coding and development and involving the task related to code quality
* create and manage rest service deployable using the apache Karaf server
* Reviewing code using Sonar and Junit code coverage
* Reviewing code, deliverables

**Project#6**

Title **: Light Speed**

Client **: Starwood**.

Duration **:** JAN 2012 to JUN 2014

Environment **:** Core Java, Hibernate, JSP, Javascript, JBoss4.x, AccuRev5.x, Fortify 360 v2.6.1

**Description:**

This is a Property Management Project. I am involved in Wholesaler, Travel Agent, Groups and PADSS Modules. This project is basically a migration of a legacy project called ux.

**Module1: Wholesaler**

**Description:** A Wholesaler is an agency that contracts for a block of hotel rooms, which they have purchased usually at a discounted rate. The Wholesaler in return sells the rooms to the public at an increased rate. Since most Wholesalers make their profit through the increase, many do not earn commission on the rooms they sell for the hotel.

**Responsibilities:**

* Involved in design Documents like HLD and LLD
* Used Design Patterns like **MVC** and **Singleton**
* Involved in developing code for use bean and DAO classes for Data base interactions
* Presentation Layer Development using JSP
* Used JavaScript for form validations
* Involved in preparing , executing and documenting unit test cases
* Enhancement according to client Requirement

**Module2: Travel Agency**

**Description:**

Travel Agency(s) are tracked within the system to allow users to report on production (room nights) and pay out commissions when applicable. The majority of our Starwood hotels use an external website to payout commissions. However, there are some particularly non-brand that use the functionality of creating/printing and tracking commission checks within the current Galaxy system. Therefore this functionality will be migrated.

**Responsibilities:**

* Involved in design Documents like HLD and LLD
* Involved in developing code for use bean and DAO classes for Data base interactions
* Presentation Layer Development using JSP
* Used JavaScript for form validations
* Involved in preparing , executing and documenting unit test cases
* Enhancement according to client Requirement