HARIKRISHNA

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**P ROF E SS I O NA L SUM M AR Y**

* DEVOPS ENGINEER with 3.4 years of experience organizing presentations, preparing facility reports and maintaining most confidentiality
* Adept at interdepartmental coordination and communication
* Possess comprehensive knowledge of Microsoft Word, Excel, and Outlook
* Around 3 years of experience in Installation, Configuration, Management of **WebLogic and Tomcat Admin** activities and **Automation of Build and Release** activities in a **DevOps environments** such as **(DEV, TEST, STAGE & PROD)** with **Linux Administration** Activities.
* Experience in Administration/Maintenance of source control management systems, such as  **GIT**.
* Experience in implementing and adapting to Release/Change Management Process.
* Creating and Managing Virtual Machines in **VMWare** and setting up communication with the help of Endpoints.
* Experience in using Nexus and Artifactory Repository Managers for Maven builds.
* Extensive experience in administrating and configuring **Jenkins** server.
* Extensive experience in using Build Automation DevOps tools like,  **Maven**, Artifactory/Nexus and **Hudson/Jenkins**.
* Expertise in continuous tools like **Ansible**.
* Experience working with Ansible Enterprise and Ansible Open Source. Installed, configured, upgraded and managed Ansible Engine , Nodes.
* Following Jenkins best practices and latest plugins, developing Jenkins jobs which are integrating with Github repos.
* Experienced in **Deploying applications** (WAR, JAR, and EAR) in stand-alone domain and clustered environments.
* Write **terraform** scripts from scratch for building Dev, Testing and Prod environments.
* Involved in design and deployment of multitude of cloud services on Azure stack such as VM, DNS, Storage, Database, AzureIAM, while focusing on high-availability, fault tolerance, and auto-scaling.
* Extensive Experience in Configuration the tasks. Experienced in setting up project baselines, branching strategies, merging and taking regular backups of the source code.
* Have good Experience in **Linux .**
* Created SCM Process, policies and procedures which are followed by Development and SQA teams to Release or Deploy highest quality product for the enterprise.
* Check and trouble shoot the file system issues.
* Install, upgrade, delete and query **packages in system**.
* Problem analysis and Troubleshooting.
* **Users Management:** Set up and administer user and groups accounts, setting permissions for users.
* Administered and Implemented CI tools Hudson/Jenkins for **automated builds**..
* Experience in Configuring and deploying to Application servers Web logic and Web sphere.
* Expertise in automated deployment to web and application servers like, Apache Tomcat, Web logic, Application / Process Server.
* Expertise in Azure, experience in implementing new Azure VM and working with Disk and storage, account,Azure IAM,DNS,Azure VMSS and Load balancer.
* Launching and configuring of Azure VM cloud servers using Images(Linux/ubuntu) designed and implemented scalable, secure cloud architecture based on Azure.
* Supporting an Azure cloud environment with 1000+ Azure VMs and configured elastic storage.
* Worked on infrastructure with Docker containerization.
* Kubernetes is being used to orchestrate the deployment, scaling and management of DockerContainers
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Followed best practices, optimize processes, adapt new technologies, quick learner and hardworking individual.
* Expert in **ITIL process** to handle incident requests, problem status and change requests Possess excellent interpersonal, documentation and oral communication skills, a positive work Attitude.
* I am working on Terraform .

# T E C HN I C AL S KI L L S

Operating Systems Linux, ubuntu, RedHatLinux

Version Control Tools GIT, Git Hub

Scripting Languages Yaml Script , Terraform

Application Tomcat

Build Tools Ant, Maven

Web Servers Apache HTTP Server

Configuration Management Ansible

Tools

Continuous Integration Jenkins

Code Quality SonarQube

Containerization Docker, kubernetes

Cloud Azure

# E DU CA T I ON

 B.TECH From C.V.RAMAN institute of technology & sciences (JNTUA) passed out 2018.

**E X P E R I E N C E**

 Worked as a **Software Engineer** for DXC Technology, Hyderabad from **June 2018 to till now.**

**P RO JE CT DE T AI L S**

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| --- | --- |
| **PROJECT** :-1 |  |
| Client | :  **SFO Manufacturing** |
| Role | : DEVOPS ENGINEER |

Duration : June 2018to July 2019.

**Description**: Marriott International, Inc. is an American multinational diversified hospitality company that manages and franchises a broad portfolio of hotels and related lodging facilities **Role&Responsibilities:**

* Focused on automation, containerization, and integration monitoring and configuration management.
* Streamlined applications delivery to get applications out to customers faster.
* Developed and implemented software release management strategies for various applications according to agile process.
* Used GIT as source code repository and Involved in migrating from GIT.
* Created release branches in GIT by GIT Administration including branching, reporting and assisting with project and end user support.
* Managed the GIT using Nexus tool to automate the build process and used the same to share the snapshots and releases of internal projects.
* Performed integration of Code Quality Analysis techniques - Check style, Find bugs with CI tools like SONARQUBE.
* Create and establish build process using **Maven** to perform builds efficiently and deployment of the application in Tomcat.
* Defined dependencies and plug-ins in **Maven** pom.xml for various activities and integrated Maven with **GIT** to manage and deploy project related tags.
* Managed Sonatype Nexus repositories to download the artifacts (jar, war & ear) during the build.
* Used Ansible for Configuration Management tool.
* Experience in automation using Ansible.
* Developed automation scripting in Python (core) using Ansible to deploy and manage Java applications across Linux servers.
* Used Yaml scripts to automate the deployment process.
* Responsible for installing Jenkins master and slave nodes.
* Configured Git with Jenkins and schedule jobs using POLL SCM option.
* Worked on infrastructure with Docker containerization.
* Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Worked on AWS Services deployments on AWS ECS and EC2 instances
* Actively worked on Docker and deploying and maintaining Micro services in Dev & QA environment.
* Implemented docker-maven-plugin in maven pom to build docker images for all microservices and later used Docker file to build the docker images from the java jar files.
* Implemented build stage- to build the micro service and push the docker container image to the private docker registry.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes .
* Experience on Deployment Automation & Containerization (Docker, Kubernetes).
* Automation using ANSIBLE and involved in developing Manifest and Modules for System and Application Configuration Management.
* Worked on Docker open source project by automating the deploymentof applications inside software containers.
* Configured software builds and automated build process and deployed to non-production and production environment
* Working with DevOps practices using Azure, Docker with kubernetes. .

**Environment:** Java 1.8, Mavan 3.6.2, GIT 2.1, Ansible, Nexus, YAML scripting, Jenkins, Docker, Kubernetes, AWS and Tomcat Servers 8.

## Project : 2

Client : IHS (UK)

Role : Devops Engineer

Duration : August 2019 to Till Date

**Project Description:**

Market America Online shopping Portal is a one stop shop for internet shopping**.** Through the Market America Portal, you can access one of the largest online shopping networks available and browse the inventory of thousands of partners along with inhouse brands. Market America has over 3 million Preferred Customers and over 180,000 global Shop Consultants throughout the globe. Market America is one of the leading online shopping portals in America.

**Roles and** **Responsibilities:**

* Handling Build and Deployment process for Java based applications
* Perform deployments to multiple environments like Dev, QA and UAT environments
* Configured Jenkins Jobs for generating Project artifacts
* Maintain Git Repositories, Handling Releases and Branching activities for GitHub.
* Responsible for taking the source code and compiling using MAVEN and package it in its distributable format, such as a JAR,WAR
* Deploying the JAR, WAR files in Tomcat app server
* Prepared manifests which helped to ready servers in minutes using ANSIBLE.
* Excellent configuration management using ANSIBLE  Worked within the Cloud for integration processes.
* Focused on automation and integration.
* Troubleshooting application related issues and providing logs to developers for further investigation.
* Documenting all the Build and deployment related issues.
* Hands on experience on remote tools SSH and SCP.
* Working on Web servers (Apache), Virtual hosting and user authentication.
* System monitoring, maintaining logs, job scheduling
* Troubleshooting and resolving the Hardware and OS related problems at the installation base
* Troubleshooting & resolving Boot problems
* Strong Knowledge on DNS, DHCP, Proxy servers.
* Good Knowledge on package Management such as RPM & YUM.