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**(DEVEOPS ENGINEER )**  Email-Id: venkat84.devops@gmail.com

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| **Professional Summary** |

* Having 12 years of IT experience in Configuration Management, Infrastructure Build and Release Management, Deployment and DevOps Engineering, Cloud Infra AWS Engineering.
* Hands on experience of Build & Deployment phase and usage of Continuous Integration **(CI/CD)** tools, build configuration, change history for releases, Maintenance of build system, automation & smoke test processes, managing, configuring and maintaining source control management systems.
* Experience in configuring **VPC, EC2, RDS, ELB, Route53, IAM,EKS,ECS,SQS, RDS,Lambda, Kinesis,KMS,S3,CodeDeploy AWS** Services.
* Experience in provisioning Infrastructure using **Terraform in AWS.**
* Experienced in developing **Ansible** Playbooks and roles to automate configuration management activities for **Cloud and On-premises** servers & applications
* Experience in configuring and deploying applications & **API’s** in **OpenShift**.
* Experienced in container based deployments in **Docker Swarm.**
* Ability in development and execution of **Shell, Python** Scripts.
* Writing different **Ansible Playbooks** for installing, configuration, and upgrading different Applications.
* **Openshift** Cluster configuration and setup in on-premises.
* Experienced in configuring Elastic **Kubernates Service** on AWS.
* Extensively worked on **Jenkins** or continuous integration and for End to End automation for all build and deployments in tomcat and weblogic application server.
* Experience in **RedHat Linux Administration.**
* Expertise in **Weblogic & Tomcat application Administration.**
* Experience in integrating Internal LDAP with **AWS ADFS**.
* Integrated internal firewall with **AWS marketplace** service.
* Used **MAVEN & AN**T as Build Tools for building of deployable artifacts (war & ear) from source code.
* Deploy code through web application servers like **WebLogic , Apache Tomcat**.
* Good Experience in managing **Sonatype Nexus/ Artifactory** repositories for maven artifacts and dependencies.
* Hands on Experience in **OBIEE , Informatica, ODI,DAC, WebLogic** server setup.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging/deployment/release methodology, and application configurations.
* Experience in using bug tracking and ticketing tools like **JIRA**, **Remedy** and **HP Quality Center**.
* Strong knowledge on source controller concepts like **Branches, Merges** and Tags.
* IT, QA, UAT & PROD for various releases & designed instance strategies.

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| Technical Skills |

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| Cloud Computing | AWS:EC2, Elastic Load balancer (ELB),S3, Glacier, VPC, Monitoring,Route53,Lambda.Kinesis,API Manager. SQS,AutoScaling. |
| Configuration Management | Maven, GIT,Jenkins, Ansible ,Groovy pipeline,Kubernetes. Hadoop Big data ,Terraform |
| Tools/ Webservers | WebLogic Server, Jira, JBOSS, Apache Tomcat server, IIS, Nexus, Jira, Confluence .OBIEE , DAC, Informatica,HP Load Runner,Confluence,BitBucket,Postman,Vagrant |
| Scripting/ Languages | C, C++, Shell scripting, Python. |
| Database | Oracle 11g,Oracle12c , MySQL, DB2 , MongoDB, Postgres |
| Networking/ Protocols | DNS , TCP/IP, FTP, HTTPS, SSH, SFTP, SCP, SSL. |
| Operating Systems | Linux 6,7, AIX, VMware ESX, Windows NT/2000/2003/2012, CentOS, Ubuntu. |

**Certifications & Award’s**

* **AWS Developer Associate Certified professional.**
* **ITIL V3 Certified professional.**
* **Oracle 11g Certified professional.**
* **Best A\* award winner in Oracle India Pvt Ltd.**
* **Best Performer Award in IBM India pvt Ltd.**

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| Experience |

**DevOps Engineer JAN 2018 – Till Santander Bank**

* Configured VPC, EC2, RDS, ELB,Route53, IAM Services ,Subnets , Security groups,Lambda,Kinesis,ECS,EKS,CodeDeploy API Manager services in AWS.
* Provided highly durable and available data by using S3 data store, versioning, lifecycle policies, and create AMIs for mission critical production servers for backup.
* Designed different subnets and created roles with customized policies.
* Configured Docker Swarm cluster to host Performance tool Jmeter.
* Created Network and Host based load balancers in AWS.
* Configured Ansible to manage AWS environments and automate the build process for core AMIs used by all application deployments including Auto-scaling and Cloud formation scripts.
* Configured code deploy in AWS and developed CI/CD pipelines.
* Designed different subnets and created roles with customized policies.
* Integrated internal firewall with AWS marketplace service.
* Integrated Internal LDAP with AWS ADFS.
* Developed flask API’s using Python 2 & 3.
* Configured Docker Swarm cluster to host Performance tool Jmeter.
* Created code promotion Jenkins CI/CD pipelines for different projects.
* Written Ansible playbooks and puppet manifests, Modules deploy/maintain different applications in OpenShit like git, Confluence, Nexus.
* Provisioned AWS Infrastructure using Terraform.
* Installed RunDeck and configured & scheduled Anisble jobs for daily maintenance also for easy use.
* Handled maintenance/upgrade of different applications like JIRA, Confluence ,Nexus ,SonarQube.
* Deployed MongoDB and Postgres database in Openshift and integrated with python API.

**DevOps Engineer Feb 2015 – Oct 2017 XL Catlin**

* Implemented docker, Jenkins master and Jenkins slave module using puppet.
* Created new profiles and roles in puppet configuration
* Configured Swarmpit for Docker swarm cluster maintenance and monitoring.
* Configured APM agent’s in all Linux virtual machines using amiable to monitor different Sever metric’s.
* Integrated usage of different automation results in Kibana.
* Automated sending data/metrics to Kibana using Kafka utility.
* Implementing a Continuous Delivery framework using Jenkins, Maven, and Nexus in Linux environment.
* Making the applications containerized using docker files.
* Installed/Configured and Managed Nexus Repository Manager and all the Repositories.
* Created various branches for each requirement and Merged from development to release branch, created tags for releases using GIT.
* Integrated JIRA with SVN and created automated release Notes using Perl Scripts; used JIRA to track issues
* Written several cookbooks which include recipes to perform Installation and Configuration Tasks
* Involved in JDK, tomcat, WebLogic binaries installation and domain creations.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS)configuration management
* Deployed web applications into different application servers using Jenkins.
* Generated reports on different bugs & tickets using JIRA/ Bug tracking; created & solved blocked/unassigned tickets
* Built & Deployed Java/J2EE to web application server in Agile continuous integration environment and automated
* Created and maintained the Shell/Perl deployment scripts for Web Logic web application servers.

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**DevOpps Engineer Sep 2014– Jan 2015 Bank of America**

* Implementing a Continuous Delivery framework using Jenkins, Maven, and Nexus in Linux environment.
* Writing different Ansible playbooks for installing, configuration, and upgrading different Applications on the Servers.
* Developed the Puppet modules to automate, deployment and environment automation
* Integrated JIRA with SVN and created automated release Notes using Perl Scripts.
* Involved JDK, tomcat, Web Logic binaries installation and domain creations.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS)configuration management
* Deployed web applications into different application servers using Jenkins.
* Generated reports on different bugs & tickets using JIRA/ Bug tracking as well as created & solved blocked/unassigned tickets
* Provided end-user training for all Git stash (SVN) users to effectively use the tool.

**Environment: Subversion (SVN), puppet, Web Logic, SQL, Perl Scripts, Shell Scripts,**

**Build-Release Engineer Feb 2011– July 2014 Nature's Bounty, Inc**

* Creating fully automated CI build and deployment infrastructure and processes for multiple projects and setting up and introducing Continuous Deployment processes in pre-production and production environment.
* Evaluating and advising on virtualization and containerization solutions and environment provisioning solutions using Docker and Kubernetes. Developing Docker images to support development and testing teams and their pipelines.
* Configured Ansible to manage AWS environments and automate the build process for core AMIs used by all application deployments including Auto-scaling and Cloudformation scripts.
* Handle Linux server administration and manage VMware infrastructure clusters on production test/development environments.
* Automate scaling up and down the AWS resources based on traffic demand and process of distributing incoming traffic evenly across projects deployed
* Excellent experience with enterprise automation and orchestration using Terraform and created custom VPC, public and private subnet and security groups.
* Create Read Replicas for RDS databases in different region expecting disaster; install and configure PostgreSQL on AWS console and manage database, users, and accept external connection.
* Manage database on web browser and set up replication on Master and Slave servers and Load balancing by installing and configuring PgAdmin on PostgreSQL.
* Implementing monitoring and reporting solutions across a range of environments and platforms. User accounts for the development team with access to core AWS services and Proper traffic routing into and out of AWS VPC.

**Application Analyst April 2010 – Feb 2011 AXA USA**

* Analyzed the business requirements and existing reports that have been generated using various applications.
* Siebel fields identification and preparing the design document.
* Identified Facts and Dimensions for various reporting requirements of subject areas.
* Designed and developed complex reports, answers related to sales, customer, revenue, customer insights, marketing, commission, and products.
* Using OBIEE Administration Tool for customizing and modifying the physical, business and presentation layers of metadata repository (.rpd).
* Expertise in Security Setup at both Object Report and Dashboard levels, which involved creation of users/groups/roles etc.
* Expertise on Dimensional Hierarchies, Level Based Measure, Time series Dimension, and aggregation levels in BMM layer
* Worked in creating and using Initialization blocks, Dynamic, Static, Repository, Session Variables, Presentation Variables and Prompts.
* Migrated Repository and Web Catalog from one environment to another environment. Migration RPD from one environment to another environment and deploy RPD.