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**Professional Profile**

* 8 years of IT experience in Devops, Cloud Management, Systems Administration, Build and Release Management, Continuous Integration, Continuous Deployment and Linux/Unix administration.
* Understanding the client environment, Administrating and creating solutions using AWS services, CI/CD tools, GIT, Docker
* Hands on experience to setup, configure continuous build processes using Jenkins, IBM Urban Code udeploy, SVN and Git
* Configuring Jenkins job with related plugins for Continuous Deployment to accomplish complete CI /CD
* Hands on experience in automating CI & CD pipeline using Jenkins tool
* Defining deployment with resources, environments, and application processes
* Experience with build, deploy and environment support in a large complex environment
* Experience with Amazon Web services Creating, configuring and Managing EC2, IAM, S3, VPCs services across AWS Zone
* Experience in using version controller tools like GIT, SVN and Bitbucket
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, and Waterfall methodologies.
* Extensively worked on Jenkins, for Continuous Integration and for End to End automation for all build and deployments. Experience in working with continuous deployment tools like Ansible.
* Setting up UNIX/Linux environments for various applications. Worked on different Linux distributions like Ubuntu, RHEL, Amazon Linux, CentOS.
* Experience in writing playbooks using YAML scripts on Ansible and used it for configuration management and orchestration of IT environments and used Ansible for deploying or updating the web application servers code data.
* Extensive experience in branching, tagging and maintaining the version across the environments using SCM tools like GIT, Subversion (SVN) on Linux and Windows platforms.
* Experience in IBM WebSphere Application Server Admin, IBM BPM, Oracle WebLogic, JBOSS and Tomcat administration
* Installation, Configuration and fix packs of WebSphere Application Server/BPM, Patching WebLogic, Jboss, Tomcat IBM HTTP and Apache Webserver on UNIX (AIX, LINUX), Z/OS(mainframe) and Windows systems
* Installed the MQ Series fix packs and support packs on UNIX and Windows boxes.
* Setting up of Profiles, Nodes, Data Sources, Virtual Hosts, clusters of WebSphere Application Server
* Creating and managing WebSphere environment variables for data source and JDBC drivers
* Hands on experience in deployment of J2EE applications on WebSphere Admin Console Management
* Hands on experience in Distributed Queuing, Clustering and Client/Server in different environments
* Deployed the applications in Dev/Stage/QA/PreProd/Prod
* Written SQL Queries for generating the reports based on client’s requirement
* Excellent written and verbal communications skills.
* Expertise in ITIL Process (Change Management, Incident Management, Release Management)
* On-call coverage rotation to deliver 24x7 incident response and resolution

**Skills Set**

Operating Systems : Ubuntu, Linux, Cent OS, AIX, Sun Solaris, Windows, Z/OS

CI/CD Tools : Maven, Jenkins, SonarQube, Jfrog, Nexus, IBM udeploy, Ansible

Application Servers : WebSphere Application Server, BPM, JBOSS, Tomcat Server

Web Servers : IBM Http Server, Apache, Nginx

Ticketing Tool : BMC Remedy, Service Now

Monitoring Tool : E.L. K Stack, Wily Introscope, App Dynamics, Nagios

Version Control Tool : SVN, GitHub, Bitbucket

Languages : Java, Servlets, Jsp

Databases : MySQL, Oracle

Containerization Tool: Docker, Vagrant

Cloud Technology : AWS, Azure

**Academic Profile**

* M.C.A (Master of Computer Application) from Anna University, Chennai.

**Certifications Obtained**

* AWS Certified Solutions Architect - Associate (SAA)

**PROFESSIONAL EXPERIENCE:**

**Project Details**

**Role: DevOps Engineer, Dotcom Team LLC Apr’18 – Till Date**

**Client: Wells Fargo**

* Setting up CI/CD tools for SDE team
* Setup CI/CD pipeline and build the jobs in Jenkins
* Integrated the Maven, SonarQube, Jfrog Artifactory, WebLogic, JBOSS and Docker in Jenkins
* Involved in HA setup for Bitbucket and Jfrog
* Created projects and repositories in SCM and manage the code in Bitbucket
* Using ansible playbooks to automate the deployment process for different scenarios to manage the infrastructure and integrating with CI / CD (Jenkins)
* Written Jenkins file for Pipeline jobs in Jenkins
* Setting up UNIX/Linux environments for various applications. Worked on different Linux distributions like Ubuntu, RHEL, Amazon Linux, CentOS.
* Experience in writing playbooks using YAML scripts on Ansible and used it for configuration management and orchestration of IT environments and used Ansible for deploying or updating the web application servers code data.
* Extensive experience in branching, tagging and maintaining the version across the environments using SCM tools like GIT, Subversion (SVN) on Linux and Windows platforms.
* Designed and deployed AWS solutions using E2C, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Optimized volumes and EC2 instances & Created multi AZ VPC instances.
* Used IAM to create new accounts, roles and groups.
* Configured S3 versioning and lifecycle policies to and backup files and archive files in Glacier.
* Configured Elastic Load Balancers with EC2 Autoscaling groups.
* Configured and monitored distributed and multi-platform servers using Nagios
* SSL Security certificate management for enterprise, maintaining certificates across multiple ssl providers, and integrating certificates into products such as apache tomcat, AWS-ELB
* Troubleshoot build and deploy failures and facilitate resolution
* Building out Continuous Integration/Continuous Delivery pipeline using Jenkins file
* Deployed the micro services into Docker
* Developed and implemented software release management strategies for various applications according to agile process
* Deployed applications to servers in agile continuous integration environment
* Involved in migrate the SCM code from SVN to Bitbucket
* Compiling the code and deploy the build artifacts into environments like Stage, Preprod and Prod
* Collaborated with dev support teams to setup a continuous delivery environment
* Developed and implemented software release management strategies for various applications according to agile process
* Managing the mission critical applications, WebLogic, JBOSS and CI/CD servers

**Role: AWS Admin, CrownIT solutions Jan’18-Mar’18**

**Client: System Soft**

* Configured, monitored and automated Amazon Web Services as well as involved in deploying the content cloud platform on Amazon Web Services using EC2, S3 and EBS.
* Launched AWS EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu/RHEL) and Configured launched instances with respect to specific applications. Created Snapshots and Amazon Machine Images (AMI's) of EC2 Instance.
* Created AWS S3 Buckets, Policies and on the IAM Role based polices customizing the JSON templates, Glacier for Archival storage and backup on AWS.
* Created the AWS VPC network for the Installed Instances and configured the Security Groups and Elastic IP's accordingly.
* Maintained DNS records using Route53. Used AWS Route53 to manage DNS zones and give public DNS names to elastic load balancers IP's.
* Developing Ansible playbooks to automate the deployment process for different scenarios to manage the infrastructure and integrating with CI / CD (Jenkins)
* Developing Ansible playbooks for managing the application/OS configuration files in GIT hub, integrating with Jenkins, and Verifying with Jenkins plugins, deploying the application in to the Linux environment
* Good experience in working with a team together to deliver best outputs in given time frames
* Building out Continuous Integration/Continuous Delivery pipeline for Java application
* Troubleshoot build and deploy failures and facilitate resolution
* Used configuration management tools to deploy consistent infrastructure code across multiple environments
* Used Ansible Playbooks to automate the deployment process
* Involved in setting up builds using Ansible as a configuration tool
* Supported application in production and worked closely with off-shore teams
* Developed and implemented software release management strategies for various applications according to agile process
* Deployed applications to servers in agile continuous integration environment and daily execution oversight of build ops in an automated and continuous process
* Merging issues during rebasing and re-integrating branches by conducting meetings with Dev Teams
* Assisted end-to-end release process from the planning of release content through to actual release deployment to production
* Compiling the code and deploy the build artifacts into environments like Test, QA, UAT and production according to the build life cycle
* Collaborated with dev support teams to setup a continuous delivery environment with the use of Docker
* Developed, maintained and distributed release notes for each scheduled release
* On-call coverage rotation to deliver 24x7

**Role: Senior Technology Specialist Dec’11-Apr’13 & Apr’13-Dec’17**

**Wells Fargo**

* Developed Ansible playbooks for managing the application/OS configuration files in GIT hub, integrating with Jenkins, and Verifying with Jenkins plugins, deploying the application in to the Linux environment
* Worked as a DevOps Engineer for a team that involves different development teams and multiple simultaneous software releases
* Experience with AWS EC2, S3, CloudFront, Route 53
* Experience with Networking and Load Balancers, Firewalls, DNS, VPCs, VPNs, DNS OSI Layers etc
* Infrastructure and Application logging and monitoring technologies CloudWatch, Splunk, ELK, Dynatrace.
* Experience with revision control source code repositories (Git, SVN, Bitbucket)
* Installing and configuring udeploy agents
* Upgrading java for udeploy
* Designing software deployment and deploying applications
* Configuring components and component processes
* Defining deployment with resources, environments, and application processes
* Deploying applications to target environments using udeploy
* Setting up server security, approvals, and quality gates
* Plan and automate the deployment of applications to test environments
* Configure a security model with roles, approvals, and quality statuses and gates
* Good experience in working with a team together to deliver best outputs in given time frames
* Supported application in production and worked closely with off-shore teams
* Developed and implemented software release management strategies for various applications according to agile process
* Configured WebSphere resources like JDBC providers, JDBC data sources, J2C and JMS resources
* Have Done the housekeeping work for all environments(dev/test/pre-prod/production)
* Diagnosed Memory Leak, Out of Memory, Thread hung, CPU utilization and performance related issues with the help of dumps and analyzed using IBM heap analyzer, Thread Analyzer and other tools.
* Involved in performance testing & monthly release activities
* Involved in fix pack upgrade and applied ifixes
* Involved in creation of PMR with IBM
* Get the KT from DEV team and provided the production support which are on boarded into operation
* Assisted end-to-end release process from the planning of release content through to actual release deployment to production
* Deployed the build artifacts into environments QA, UAT and Production according to the build life cycle
* Get the KT from DEV team and provided the production support which are on boarded into operation
* Developed, maintained and distributed release notes for each scheduled release

**Role : WebSphere Administrator, Sellcraft Softech Nov’10 – Aug’11**

**Client: TCS, 21st Century Insurance**

* Installing, maintaining and administering the WebSphere Application Server, WebLogic, Tomcat, JBoss, IBM HTTP Server, IIS on UNIX and Windows platform.
* Deploying applications in WebSphere 7.0, 8.5 ND environments by creating Clusters, virtual hosts, data source, configuring HTTP transports
* Supporting the DEV, UAT and Production environment by tuning WebSphere parameters like data source connection pool, JVM settings, and JAAS authentication settings.
* Monitored the CPU/Memory utilization, file systems, processes (httpd, JVM, Node Agent) using tools like Performance Monitoring Infrastructure (PMI), TOP Command.
* Analyzing the application issues like Hung threads, Out Of Memory conditions using Wily Introscope and working with the application team to resolve the issues.
* Load balancing the applications by configuring the virtual hosts for the Tier1 Web Servers. Resolved incident tickets and change requests based on SLA’s
* Configured the properties file and deployed the flows into DEV/TEST environment through Jenkins tool
* Created the Queues & JMS Queues in Broker node
* Modified the odbc.ini file for DB connection
* Configured WebSphere resources like JDBC providers, JDBC data sources, J2C and JMS resources
* Have Done the housekeeping work for all environments(dev/test/pre-prod/production) Applying fix packs, ifixes and APARs to the existing application servers to keep the systems up to date with the new releases
* Configure LDAP such as Microsoft Active Directory for Various IBM WebSphere Suite.
* Installing and maintaining Web Server plug-in for each application.
* Performed initial problem analysis for Heap Dumps and core dumps by using Memory Dump Diagnostic for Java (MDD4J), IBM Pattern Modeling and Analysis Tool for Java Garbage Collection.
* Troubleshooting application related issues by using WebSphere logs, Log Analyzers, Thread Analyzer.
* Used scripting client WSAdmin and Administrative Console (GUI) for application deployment and management.
* Configured JBoss EAP 6 in Standalone mode.
* Interacted closely with application developers, database administrators, UNIX administrators, Security Operation for resolving issues related to applications.
* Successfully managed to purge the logs as part of log rotation.
* Involved in performance testing & monthly release activities
* Involved in fix pack upgrade and applied ifixes
* Involved in creation of PMR with IBM
* Get the KT from DEV team and provided the production support which are on boarded into operation
* Provided 24\*7 Production control support