**Professional Summary**

* **Over7+ years of IT experience**, which includes Solid experience in **Configuration Management, Change/Release/Build Management**, **Build/Release Automation**, Support and Maintenance under Unix/Linux.
* Experience in **Jenkins Pipeline** implementation for the development, staging and production software environments and their infrastructure.
* Good knowledge of virtualization and container technology like **Docker.**
* Knowledge of Docker and managing Docker-based deployment.
* Experience with environment provisioning and orchestration tool like Docker.
* Experience in **Network Troubleshooting**.
* Provide support during large scale outages and disaster recovery efforts.
* Performs other duties and responsibilities as required or assigned by supervisor.
* Experience in Amazon AWS Cloud Administration services: **EC2, S3, Auto scaling, and Cloud Formation.**
* Experience in Deploying to and administering Apache Tomcat and Weblogic Application Servers.
* Excellent understanding of SDLC, Traditional, Agile and other Methodologies. Define and meet SLA’s.
* Created Chef Cookbooks for sudo users and network configurations using Chef Server.
* Worked with Puppet and Chef which is used to manage Linux but later versions support Microsoft Windows.
* Creating manifests and classes in Puppet for automation.
* Designed Continues Delivery platform using Docker, Jenkins and Puppet.
* Installed and Configured Puppet Master, Puppet Console and Puppet Agents.
* Experience in administering, troubleshooting and **Implementing Release management** methodologies to support build and deployment process and manage development tools for software development groups.
* Expertise in installing, configuring and managing various version control tools like **Subversion**, and **GIT**.
* Managed VMware ESXi hosts using vSphere client and Web client.
* Extensive experience in defining the **branching** and **merging strategies**, creating baselines and releasing the code. Created CM Plans and Test Plans for Applications.
* Extensive experience on writing build automation scripts using tools like **ANT**, **Maven**, **Groovy**, Make, Shell scripts.
* Performed integration of Code Quality Analysis Techniques like **FindBugs, PMD and Cobertura with CI tools.**
* Extensive experience in using **Continuous Integration** tools like **Jenkins/Hudson, Bamboo, Build Forge.**
* Good knowledge in managing the **Nexus** and **Artifactory** repositories for the maven artifacts and dependencies.
* Experienced in Administrating, troubleshooting, configuring and deploying enterprise applications in **WebSphere**, **Weblogic, Apache-Tomcat** and **Jboss.**
* Created SCM **Process, policies** and **procedures** in interest of various development and QA teams to release or deploy highest quality product for the enterprise.
* Expertise in developing **Automated solution** for entire build and release process and implementing effective methods for **Continuous Integration** and **Continuous Delivery platforms.**
* Expertise in various scripting languages for improving deployment solutions in **Shell, Perl, Groovy, Python and Ruby.**
* Experience in implementing **Chef** to manage various **software configurations** and deployments to multiple environments and **DR** sites.
* Experience in developing cookbooks and maintain their versioning via SVN and GIT.
* Extensive knowledge in **integrating** various **SCM tools** to develop a solution for development and delivery cycle. Ex. Jenkins – Chef, Jira, GIT/SVN, Sonar, Rundeck. Jira-confluence.
* Worked closely with Product Management and Development Team to ensure testing is comprehensive.
* Expertise in implementation of Automation Tests and Manual Tests. Involved in Requirement Management, Peer reviews, Inter group coordination and Training Programs with code review tools **Crucible/Github**.
* Worked with different bug tracking tools like **JIRA, RADAR.**
* Experience with Oracle and MS SQL Server DB Tasks (DML, DDL Executions, Log Rotations, Table space alterations, user management etc.) and Deploying PL/SQL code to various environments.
* Excellent communication and interpersonal skills in organizing work and highly self-motivated individual in building systems and learning new technologies and methods.

**Technical Skills**

**Version Control Tools:** SVN and GIT.

**Build Tools:** ANT, Maven.

**Languages:** C/C++, Java, Ruby, Perl, Shell, Python, Groovy, SQL.

**CI Tools:** Jenkins/Hudson, Bamboo, BuildForge, Jenkins, Artifactory.

**Databases:** MS-Access, MySQL, Oracle11g.

**Web Servers:** Apache, Web sphere, Web logic, Tomcat, Jboss

**Container Technology:** Docker

**CM Tools:** Puppet,Chef

**Cloud Technology:** N1, UDeploy, CloudFoundry

**Network Services:** SSH, TCP/IP,HTTP,DHCP,SNMP,SMTP,NFS,NAS,UDP.

**Client: T-Mobile - Seattle, WA March 2017– Till Date**

**Role: DevOps Engineer**

**Responsibilities:**

* Involved in troubleshooting network traffic and its diagnosis using Linux operating system servers.
* Implementation of agile practice for entire SDLC through "pipeline as code" approach.
* Experience with NGINX load balancers for creating, configuring the new VIPs, SSL certs, context switching, virtual servers, service groups.
* Involved in troubleshooting network traffic and its diagnosis using Linux operating system servers.
* Established, maintained and configured secure communication using SSL certificate generation and exchange revised and modified as necessary to secure environment.
* Identifies and resolves incidents within agreed Service Level Agreements (SLAs).
* Developed CICD pipeline for integration of various build tools, inspection tools with artifactory and various configuration management tools such as puppet in Jenkins.
* Acted as an SME for Mobile Builds including - Android and iOS Builds
* Employ Jenkins and Enterprise Jenkins toolset driven build configuration and maintenance through scripting.
* Virtualization using KVM, Xen, VMWare ESX/ESXi, vSphere, Oracle Virtual Box, Virtual-manager
* Administer and integrate DVCS systems like Git/Github, BitBucket, SVN, etc. in automation "as code".
* Established, maintained and configured secure communication using SSL certificate generation and exchange revised and modified as necessary to secure environment.
* Identifies and resolves incidents within agreed Service Level Agreements (SLAs).
* Provides platform support by answering inbound calls/emails from client supporting organizations and external groups and perform the necessary support required to resolve issues.
* Continuously developing security solutions that positively impact Apple Internal Teams.
* Built relationships and consistency between teams in Europe, India, Australia and Singapore.
* Manage **SPLUNK** SIEM Infrastructure.
* Actively worked on resolving the Incident tickets.
* Actively worked with various teams to create new Jenkins build and deployment jobs according to their requirements.
* Assisted in migrating the existing data center into the AWS environment.
* Installed the application on AWS EC2 AMI, Red hat, Ubuntu Instances.
* Involved in loading data from On-premises data warehouse to AWS's Cloud using different approaches like Sqoop,Spark and AWS Services.
* Actively coordinated with Development team for merge issues in Git/Subversion.
* Experience in **Network Troubleshooting**.
* Provide support during large scale outages and disaster recovery efforts.
* Performs other duties and responsibilities as required or assigned by supervisor.
* Configured and integrated various Jenkins pipeline related plugins as part of developing CICD pipeline using Groovy DSL and Jenkins DSL.
* Build and Deploy frameworks such as N1, Gradle, Artifactory, Puppet to employ automation of deployment and release management processes.
* Analyze and resolve compilation and deployment errors related to code development, branching, merging, and building of source code.
* Have migrated various java & mobile based applications from AHP to Jenkins.
* Standardized branching strategies and naming conventions using GIT.
* Created and Maintained GIT repositories, branches and tags.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT.
* Worked with Confluence & Sharepoint to create documentation & for capturing various information in an organized manner.
* Understanding of Cloudfoundry and Udeploy Environment.
* Motivating team members and other CM users including Developers, Testing Team, and Quality Analysts for enhancements in the product Release.

**Environment:** AWS, Bash, Perl, Python, GIT, Version Control System, VPC, CI/CD, Ansible, Jenkins, Java, Linux, Apache, Tomcat, iOS, Android, VMware, SSH, SMTP, Build Tools, Nagios.

**Client:MasterCard – St.Louis, MO May 2015 – Mar 2017**

**Role: DevOps Engineer**

**Responsibilities:**

* Build the development, staging and production software environments and their infrastructure.
* Worked with Chef Enterprise Hosted as well as On-Premise, Installed Workstation, Bootstrapped Nodes, Wrote Recipes and Cookbooks and uploaded them to Chef-server, Managed On-site OS/Applications/Services/Packages using Chef as well as AWS for EC2/S3/Route53 & ELB with Chef Cookbooks.
* Installed Chef-Server Enterprise On-Premise/WorkStation/ Bootstrapped the Nodes using Knife.
* Managed Amazon EC2 instances with the help of chef.
* Performed a POC for AWS code deploy services pushing artifacts into S3 and performing deployment onto on Demand instances created on the fly.
* Worked on Amazon AWS EC2 cloud services for installing, configuring and troubleshooting on various Amazon images.
* Configuration Automation using Chef and Docker Containers.
* Created Docker images from scratch and customized and modified base images from existing environment configurations and maintaining the image repo for development teams.
* Worked with Docker container snapshots, attaching to a running container, managing containers, directory structures and removing Docker images.
* Coordinating Release effort amongst various teams (Development, QA, performance Testing and Production).
* Prepare specs for new infrastructure and **VMware** servers, disk storage, and network switches, routers, firewalls, and VPN's.
* Administered and maintained source code repositories using Git and GitHub.
* Written Shell Scripts to restore Jenkins from daily backups.
* Performed re-starts, xml, and environment properties, config changes.
* On boarded new applications into Git and Jenkins.
* Participated in PROD install document review meetings for Go/No-go Process
* Written Perl scripts to change the oracle and sql server account password.
* Stood up new Jenkins build slaves and configured them in different data centers and documented what software’s needs to be installed with entire configuration details.
* Actively worked closely with various engineering teams on software projects and in creating and improving engineering processes, infrastructures, and strategies.
* Actively worked with various teams to create new Jenkins build and deployment jobs according to their requirements.
* Involved in Git to Stash migration activities.
* Written Chef Cookbooks to install software’s on new build machines.
* Conducted disaster recovery test for GitHub and Jenkins infrastructure, and did a detailed documentation on it.
* Actively coordinated with Development team for merge issues in Git.
* Used Fisheye/Crucible to review the Shell/Perl scripts written by team members.
* Communicate status of release to all stakeholders.

**Environment:** Docker, Git, Maven, Java, Jenkins, Oracle, VMware, Fisheye, iOS, Andriod, Crucible, UNIX.

**HSBC Software Development, India Sep 2010– Nov 2014**

**Role:** **DevOps Engineer**

**Responsibilities:**

* Coordinating Release effort amongst various teams (Development, QA, performance Testing and Production) in geographically separated environment.
* Used Shell Scripts and Perl to deploy artifacts that are built by Ant.
* Analyze and resolve compilation and deployment errors related to code development, branching, merging and building of source code.
* Performed re-starts, xml, and environment properties, config changes.
* Create Chef Automation tools and builds, and do an overall process improvement to any manual processes. Perform deployments and installations and monitoring infrastructure.
* Research and recommend open source tools, practices, and methodologies that enhance our day to day productivity.
* Used Ant, Maven to perform daily and weekly Software Builds.
* Administered and maintained source code repositories using Subversion.
* Used Shell scripts and Ant scripts for Log monitoring.
* Installed, administered and configured Jenkins Continuous Integration tool.
* Resolving merging issues during build and release by conducting meetings with developers and managers.
* Responsible for designing and deploying best SCM processes and procedures.
* Maintain build system and automate build process for different applications.
* Deploying Java Enterprise applications to Apache Web Server, JBoss Application server.
* Created Instances in Apache Web Server and JBoss Application server in QA and Production environments.
* Configured Apache web server instances in Citrix Netscaler for QA and Production environments.
* Automate deployment and release distribution process with shell, AWK, and Perl etc.
* Worked with Oracle Database Admin to keep all the specified tables as assigned by developments in sync for every release.
* Used Oracle to connect to various databases and to check for the invalid objects after and before each release.
* Posting the build on time & following it up the testing team on posted builds until the specified release goes LIVE.

**Education**:

Masters of Science – Electrical Engineering