**Professional Summary:**

* **7+** years of experience in IT industry playing multiple roles like System engineer, Build and Release engineer, DevOps engineer and DevOps & Cloud engineer which made me expertized in many things like building and deploying automated process, Configuration management.
* Experienced installations, upgrading, configuring, patching and support **Linux** servers on **RedHat**, Solaris Environment.
* Extensive working Opportunity on automation made me expertized in scripting like **Bash, Shell, Python, Perl, Java Script and XML.**
* Strong experience in Chef cookbook development.
* Experienced **ANT** scripts in most of my projects which made me comfortable and used **MAVEN** for deploying and running these applications on various firms.
* Exposed to the situations where I got opportunity to install and monitor Virtual environments with **ESX 4.x servers**.
* Good knowledge on Linux and Unix shell Scripting.
* Worked on different Servers on various projects like **Apache Tomcat, JBoss** and also worked on Web application servers like **Web Sphere and Web Logic.**
* Efficient in working with source control versions like **GIT, SVN.**
* Expert in Trouble shooting, backup and Recovery.
* Experience in **Jira** bug tracking tool, HP Quality Center.
* Highly dedicated, Strong in Object Oriented Analysis and Design, quick starter, efficient in solving complex problems.
* Have sufficient knowledge on **AWS.**
* Worked with all the teams to ensure timely delivery and high quality of builds and releases.
* Good command on the tracking tool **Jira** and **HP Quality Center.**
* Extensively worked on **Jenkins** and **Hudson** for continuous integration and for automating End to End all build and deployments.
* Strong knowledge on **Nagios** monitoring tool.
* Managed different cultured environments like Dev, QA, PROD and UAT for various releases and designed instance strategies.
* Worked on planning and implementation of Dry Run for each and every release.
* Good command on source controller concepts like Branches, Merges and Tags.
* Excellent interpersonal, communicative, leadership skills, intuitive and problem solving skills with the ability to work with team and independent and team work environments.

**Technical Skills:**

|  |  |
| --- | --- |
| Operating Systems | Windows 98/XP/Vista/7/8/10, Linux, Unix. |
| Programming Languages | C, C++, Shell scripting, Perl scripting, Python, TSQL, PL/SQL, Java/J2EE. |
| Databases | Oracle 11g/10g, MYSQL, SQL Server 2008/2008 R2/2012. |
| Build Tools | ANT, MAVEN. |
| CM Tools | Puppet, Chef. |
| CI Tools | Hudson, Jenkins, and CruiseControl. |
| Web Servers | Apache Tomcat, JBOSS, WebLogic, WebSphere. |
| Version Control System | Subversion (SVN), GitHub, ClearCase and Harvest. |
| Tracking tools | JIRA, JIRA Agile, HP Quality Center, Bugzilla 3.0. |
| Monitoring tools | Zabbix, Nagios. |
| Repositories | Nexus, GitHub. |

**DevOps & Cloud Engineer: Jun 2015 to Till Date**

**Responsibilities:**

* Created classes and manifest for automation in **Puppet.**
* Set instance in cloud environment, **Amazon EC2.**
* Deploy and monitor infrastructure on **AWS** and configuration management using **Puppet.**
* Involved in complete cycle on migrating Windows and Linux Machines to AWS and test it.
* Automated end to end integration process using **Jenkins.**
* Handled over 60 jobs in **Jenkins** from different application teams.
* Created and configured virtual development environments with **Virtual Box** and **Chef.**
* Efficient in installing, maintaining and configuring WebSphere and WebLogic Application Servers, Chef.
* Connected to ESX server with Putty, VIC, and Web access.
* Replicated Jenkin build servers to test VM using **Virtual Box, Vagrant, Chef, Packer.**
* Participated in various control meeting to seek necessary approvals for the deployment request.
* Performed build and release management in GIT/Jenkins/Stash environment for an Ubuntu Java
* Resolved different user issues.
* Worked on code integration for **Java and Objective C.**
* Worked on **Zabbix** monitoring tool to monitor the infrastructure.
* Installed, configured and also supported and implemented services like SSH, SCP, DHCP.
* Migrated various files during system updates and also recovered many files during the disasters.
* Worked with **Nagios** for monitoring the infrastructure that I was responsible.
* Automated webserver content deployment by writing **Shell script**.
* Strong Knowledge in understanding major software systems to isolate defects, assess risk and understand different customer deployments.

**Environment:**

**Java, C++, Virtual Box, Vagrant, Shell script, Chef, Puppet, WebSphere, WebLogic, Linux, AWS, ESX server, Jenkins, Nagios, Zabbix.**

**DevOps Engineer: Mar 2014 to May 2015**

**Responsibilities:**

* Managed Continuous Delivery (CD) system on Used Subversions and **AWS** as a source code repository.
* Worked on **Vagrants** to create VM’s with in VM’s to share the existing resources efficiently among the team.
* Maintained code integrity, code conflict resolution and controls.
* Deployed few builds using **Hudson.**
* Wrote **Python** scripts to integrate Amazon API to control instance operations.
* Automated unit and Integration testing by writing **Python** scripts.
* Created multiple Amazon virtual PC instances and took backups to **Amazon S3** using **Amazon Redshift**.
* Deployed monitoring, logging systems and metrics on **AWS.**
* Built and deployed J2EE applications using **Shell** scripting in **JBoss.**
* Configured various plugins for integration tools to the version control tools.
* Wrote **ANT** build scripts to deploy the resulting output of **Maven** (jar, war and ear) to **Tomcat** and **JBoss.**
* Wrote **ANT** and **Maven** scripts for **Java and J2EE** builds.
* Labeled all the files which requires manual labelling through Shell scripting.
* Maintained Continuous Integration and Continuous Delivery promoting Enterprise Solutions to target environments.
* Documented builds, release and source control process and plans.
* Experienced Agile Scrum development.
* Used configuration management (CM) tools extensively like **Chef** and **Puppet** for the automation process.
* Coordinated with team leads, developers and production teams before and after the production deployments.
* Strong working Knowledge on Continuous Integration (CI) tools like **Jenkins,** where verified multiple check-in by automated build.
* Built and supported various environments like Development, Testing, Production, Contingency and Disaster recovery servers.

**Environment:**

**Python, Shell scripting, Java, J2EE, JBoss, Hudson, Maven, ANT, Tomcat, J2EE, AWS, Vagrants, Chef, Puppet, Jenkins.**

**DevOps Engineer: Apr 2013 to Mar 2014**

**Responsibilities:**

* Automated webserver content deployments using **Perl** and **Shell** scripting.
* Involved in writing triggers and hooks using **Perl** scripting.
* Managed Database, Web Applications, Packages and commands using **Puppet.**
* Created **Chef** cookbooks for network configurations using Chef Server.
* Involved in Building, Installations, Tuning, Backup, Security and recovery of **RedHat** **Linux**.
* Worked on **Jenkins** to build and test the applications.
* Automated build and deployment and overall process improvements to any manual process using **Chef Recipes.**
* Designed, implemented and supported fully automated configuration management, continuous and continuous delivery process.
* Experienced working with **Selenium** Web Driver and **Selenium** IDE using testing.
* Deployed Java projects using **Jenkins, ANT/Maven.**
* Automated build process **SVN** (Subversion) and **ANT.**
* Integrated **Jenkins** with various tools like Sonarqube, HP, HP QTP, HP ALM and Nexus.
* Managed SVN repositories for merging, tagging and branching.
* Integrated the final migrated solutions with **JIRA.**
* Performed detail analysis for potential improvement in cost efficiency, features and Capability of the Current **GIT** repositories**.**
* Troubleshot deployment, start up issues and infrastructure on various application servers product line.
* Guided and monitored to junior members in the team.
* Deployed the Java application servers into web servers for hosting the applications where came across (WebSphere and WebLogic).

**Environment:**

**Perl, Shell, Puppet, Chef, Jira, GIT, Selenium, Jenkins, RedHat Linux, Maven, ANT, Sonarqube.**

**Build and Release Engineer : Nov 2012 to Apr 2013**

**Responsibilities:**

* Automated deployments by installing and configuring **Jenkins** and providing an automation.
* Supported the code and also integrated it regularly before placing into shared repository using **Jenkins.**
* Used **MAVEN** and **ANT** build tools in Jenkins to move build and deployment scripts from one environment to other environments.
* Used **GIT** for merging, tagging and branching.
* Worked with **CruiseControl** and worked on automated build and release and also used for troubleshooting during installations.
* Modified **ANT** scripts to build the **Class files, WAR files, JAR’s**.
* Proficient in using the **Linux** commands for various activates.
* **Integrating GIT and ClearCase with CruiseControl and Jenkins.**
* Performed system admin and operations tasks using Chef.
* Automated **ANT** (Flex code, Java), **Maven** with Visual Build Pro and after that it was fully integrated in **CruiseControl.**
* Changed environments from **Web Sphere** mapping modules to the enterprise applications by writing scripts in **Bash, Python** and **Perl.**
* Communicated with developers, QA’s, Team Leads and Business team members for the best outputs.
* Automated deployment and provisioning of application to various environments by using **Puppet.**
* Built and deployed **Java** artifacts on to the **Web Sphere** applications in an agile continuous integration process.
* Wrote SQL quires for checking integrity with Oracle database
* Worked on monitoring and bug tracking using **HP Quality Center.**
* Solved major merging complex issues in software configuration management during tree conflicts and text conflicts

**Environment:**

**Java, Bash, Python, Perl, Linux, MAVEN, ANT, Jenkins, GIT, CruiseControl, Web Sphere, Puppet, HP Quality Center, ClearCase**

**Build and Release Engineer: May 2010 to Oct 2012**

**Responsibilities:**

* Automated the build process by executing the build scripts and writing the **bash and python** scripting.
* Used **CruiseControl** for the Continuous Integration (CI)purpose.
* Efficient in following best principles of Software Configuration Management (**SCM**).
* Used **Chef** for maintaining the consistency and product performance, functional and physical attributes with its requirements.
* Developed Linux scripts for build and releases.
* Automated Build Artifacts using **Jenkins** and **CruiseControl.**
* Have good command in **Bugzilla 3.0** and **GitHub** for bug tracking and the version management.
* Strong enough in deploying the code through web application servers like **Apache/Tomcat /Web Logic /Web Sphere.**
* Involved in Software Development Life Cycles and Agile Programming Methodologies.
* Handled efficiently release Management Activities.
* Worked with Quality Analysis for Monitoring the Performance of the Application, Troubleshooting and fixing if there are any performance issues in the Application.
* Proposed and implemented strategies which will be suitable for agile development in SVN.
* Involved in the Continues Integration (CI) of the code using **Jenkins** into the Shared Repository and worked along with the developers and Testers where each check in verified by an automated build and allowing teams to detect problems early.
* Involved in Building Environments for Production, Integration and QA.
* Participated in client meetings involved in **Python** development projects.

**Environment:**

**Bash, Python, Chef, Jenkins, CruiseControl, Tomcat, Web Sphere, Apache, Web Logic, Bugzilla 3.0, GitHub.**

**Systems Engineer: Nov 2008 to Apr 2010**

**Responsibilities:**

* Major roles were troubleshooting network related issues and Document troubleshooting steps that followed to fix the issue for the future references.
* Planning, enhancements, specification of changes to the system by installing latest required releases which solves few software related issues.
* Deployed and configured **Windows 2000/2003, Active Directory Domain Controllers, TCP/IP,** servers with **DHCP, Group policy, Routing Concept, DNS** and **IIS** servers**.**
* Creating user account and giving them related permissions and maintaining the database instances and user roles.
* Responsibility also included User Management in SVN and Version Control repositories
* Trouble shooting operational issues as a problem resolution support.
* Managed system logs and monitored to ensure system performance.
* Existing desktop application was refactored using MVC pattern which lead to better maintenance and code separation as a result application performance improved by 30%.
* Monitored system security violations.
* Involved in creation dynamic and user friendly web pages using **HTML** and **Java Scripts.**
* For client-side validations Used **Java Script** and also created interactive front end by using **Ajax.**
* Used **Jira** as a bug tracking tool/ticketing tool to maintain the order of tickets based on priority and also to maintain the sequence of the ticket generated.
* Also associated **XML** related technologies.

**Environment:**

**Microsoft Windows 98/2000/XP/2003, Linux, DHCP, TCP/IP, SMTP, FTP, Jira, HTML, XML, Java Script, DNS, IIS.**

**Education:**

Bachelor of Technology from Gandhi Institute of Technology and Management University, Vizag, India.