**XYZ**

**Email:xyz@gmail.com**

**Sr. DevOps Engineer/Infrastructure Developer**

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**OBJECTIVE**

Intend to build a career with leading corporate of hi-tech environment with committed and dedication, which will help me to explore myself fully and realize my potential to work as key player in challenging and creative environment

**SUMMARY**

* 8 years of specialized experience in DevOps/ Agile Operations**, Linux Administration, Software Configuration Management/ Release Management and Cloud Managemen**t.
* Experience in administering & automating Solaris & Linux. Experience in **Automation**, **Installation, Configuration, Backup, Recovery, Maintenance, Support of Linux**.
* Experienced in all phases of the **software development life-cycle (SDLC**) with specific focus on the build and release of quality software. Experienced in Waterfall, Agile/Scrum, Lean and most recently **Continuous Integration (CI) and Continuous Deployment (CD) practices.**
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, SCRUM to Stash Migration, Waterfall methodologies.
* Involve in implementing configuration management tools such as **Puppet**.
* Demonstrated ability in installation, configuration and management **of provision tools chef, Puppet and Ansible.**
* Coordination experience with various teams like **Dev, QA and production Operations.**
* Proficient in **writing Puppet modules and chef cookbooks.**
* Experience in working on version control systems like **Subversion** and **GIT**, Stash used Source code management client tools like **Visual SVN**, **Tortoise SVN**, Stash, Source Tree, **GitBash**, **GitHub**, Git GUI and other command line applications etc.
* Planned and executed Linux system changes and upgrades, Customer Support.
* Experience in using **Nexus** and Artifactory Repository for **Maven** and **Ant** builds.
* Write, design and code database enabled web applications using Perl.
* Managed multiple **AWS** accounts with multiple VPC's for both production and non-prod where primary objectives included automation, build out, integration and **cost control.**
* Worked in **Puppet Master** and slave architecture environments.
* Implemented multi-tier application provisioning in AWS, **Openstack cloud** and integrating it with Chef/Puppet.
* Implemented horizontal auto-scaling in Openstack cloud, integrating it with Chef
* Hands on exp. On website code and website patch Deployment and deployment tools like **UDeploy (IBM),**URelease, GIT, **Jenkins**, Artifactory.
* Also, developed **Puppet** modules to configure Splunk and other middle ware applications (JBOSS, WAS, etc.)
* Hands on experience in version control tools like **GIT, SVN**
* Deploy architecture on **AWS** cloud for Lamp Stack application.
* Worked hands-on to create automated, containerized **cloud application platforms Paas** and design and implement DevOps processes that use those platforms.
* Ensured that **Iaas and Paas** are perfectly implemented.
* Excellent working knowledge in configuring multiple **WebLogic** domains including machines, manage servers and cluster environments Extensively worked on **Hudson, Jenkins** and **Anthill** Pro for continuous integration (CI) and for End-to-End automation for all build and deployments.
* Ability in execution of **XML, Ant Scripts, Shell Scripts, Perl Scripts, Shell scripts and JAVA Scripts.**
* Experience in Deploying **Jboss, Apache Tomcat web server and Oracle WebLogic**

**TECHNICAL SKILLS**

**Version Control Systems:** Git, Subversion

**Automation/Build Tools:** Cobbler,Kickstart,PXE,Docker,Jenkins, ANT, MAVEN

**Configuration Management:** Puppet,Chef, Ansible, Salt

**Programming Languages:** BASH, Perl, Python, Ruby, Aws ,Java, C#, Java Script, JQuery, PHP

**Logging & Monitoring:** Nagios, Syslog, IBM Tivoli.

**Cloud Services:** AWS, OpenStack

**Operating Systems:** RHEL 5/6/7, Solaris Release 2.10/2.9/2.8/2.7, IBM-AIX 5.X, Windows 98, Windows 2000, Windows 2008 and NT.

**Hardware:** HP Proliant, Blade servers, Sun Servers E450, E3500, E4500, E5000, E6500, E10k, E15k, E25k, Sun Ultra’s, V210, V280, V490, V880, V6800 SUN Ray (1g Ultra Thin Client) SUN Desktops (SPARC 10, 5), DMX3 and DMX4 Storage Arrays, F5.

**Software:**  Veritas Volume Manager 3.5/4/5, Veritas File System, Veritas Cluster Server 3.5, Veritas Netbackup 6.0, MS-Office/MS-Project.

**Cluster Environment:** VERITAS Cluster Server

## EDUCATION

## Bachelor’s Degree in Computer Science Osmania University, India

**PROFESSIONAL SUMMARY**

**Midwest Independent System Operator, Carmel , IN Aug2015 - Present**

**Sr. DevOps Engineer/ Infrastructure Developer**

**Responsibilities**

* Worked with an agile development team to deliver an end to end continuous integration/continuous delivery product in an open source environment using **Puppet** and **Jenkins** to get the job done.
* Used the continuous Integration tools such as **Jenkins** and Hudson for automating the build processes.
* Conceived, Designed, Installed and Implemented **CI/ CD automation system.**
* Created and updated Bash scripts and modules, files, and packages.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using Jenkins along with Shell scripts to automate routine jobs.
* Involved in DevOps migration/automation processes for build and deploy systems.
* As a part of Greenfield Implementation improved the functionality of the code to enhance the performance of an application.
* Upgrading the code base to expand the working set of functionality across the board as part of Greenfield implementation.
* Design of Cloud architectures for customers looking to migrate or develop new PaaS, IaaS, or hybrid solutions utilizing Microsoft Azure or Amazon Web Services (AWS).
* Implemented **CI and CD** for database using **Jenkins** and **UDeploy**.
* As part of the Infrastructure Team implemented **SSO(Single Sign On**) and integrated the applications to the **Load Balancer**(**F5**).
* Installed **Docker** Registry for local upload and download of **Docker** images and even from **Docker** hub.
* **Managed Docker orchestration** using Docker Swarm.
* Designed and Developed Bamboo Build deployments on Docker containers.
* Setup **Jenkins** tool to integrate the **JAVA** project and maintained **Jenkins** with continuous integration and deployment.
* Created the UDeploy templates for components and applications, on boarded around 200 apps into UDeploy to achieve continuous integration.
* Designing and developing new back-end services, maintaining and expanding our AWS infrastructure, and providing mentorship to others on my team.
* Develop/capture/document architectural best practices for building systems on AWS.
* Working with technical and non-technical teams across **Amazon (AWS).**
* Automated the build and release management process including monitoring changes between releases.
* Implemented automated local user provisioning VMs created in **Openstack and AWS** cloud through Chef recipes.
* Deploying the Openstack components on multimode with High availability environment
* Responsible for managing the chef client nodes and upload the **cookbooks to chef**-server from workstation.
* Developed Scripts for **AWS** Orchestration
* Built a new CI pipeline. Testing and deployment automation with **Docker,Jenkins** and **Puppet**.
* Used **MAVEN** as build tools on Java projects for the development of build artifacts on the source code.
* Worked on Managing the Private **Cloud Environment using Chef.**
* Implemented **Chef** to deploy the builds for Dev, QA and production.
* Automation of infrastructure by creating scripts of **Chef.**
* Developed **Chef Cookbooks** to install and configure **Apache, Tomcat**, **Jenkins**, **Rundeck** and **deployment automation**.
* Create release pipelines using **GIT**, **Chef** for automatic workflow.
* Achieved continuous Deployment using IBM UDeploy. Integrated UDeploy with nexus and Jenkins to achieve **CD.**
* Created and maintained **Ant build.XML** and **Maven Pom.XML** for performing the builds.
* Proposed **branching strategies** for using Version Control Systems like **GIT, Clear Case, Stash, GitHub & Subversion**.
* Created **branches, performed merges** in version control systems **GIT, GitHub, SVN**.
* Automated setting up server infrastructure for the DevOps services, using **Puppet/Ansible**, shell and **python scripts.**
* Developed Python career path through professional development while working on Python projects.
* Troubleshot switch to server and back to the secure Cloud connection.
* Administered and Engineered **Jenkins** for managing weekly Build, Test and Deploy chain, **SVN/GIT** with Dev/Test/Prod Branching Model for weekly releases.
* Involved in the troubleshooting the servers.

**Environment: Puppet, Chef, Git, JIRA, Shell Scripting, Perl, Python, Vagrant, VirtualBox, AWS,EC2,VPC,S3, Cloud Watch, IAM, Cloud Trail. Red-Hat Linux Enterprise servers (HP Proliant DL 585, BL 465/485,ML Series), Solaris 8,9,10**

**Ericsson, Overland Park, KS Dec 2014 – Aug 2015**

**Sr. DevOps Engineer**

**Responsibilities**

* Developed and **implemented Software Release Management** strategies for various applications according to the **agile** process.
* I Working for **Software Configuration Engineer** Platform team responsible for specialization areas related to **Chef for Cloud Automation.**
* Working with an agile development team to deliver an end-to-end continuous integration/continuous delivery product in an open source environment using **Run deck** and to get the job done.
* Implemented auto environment creation using **Puppet** and AWS.
* Manage source control repository in **Subversion**- controlling and monitoring check-in's & create tags for builds.
* Automated setting up server infrastructure for the DevOps services, using **Puppet/Ansible**, shell and **python scripts**.
* Extensively worked with version control systems like **GIT, CVS**, Perforce version, Subversion control systems.
* Developed **Python** career path through professional development while working on Python projects.
* Worked on creation of **Puppet** manifest files to install tomcat instances and to manage configuration files for multiple applications.
* Involved in analysis phase (Identity 2 and 3 tier pattern based on existing infra), writing **Puppet** scripts.
* Completely responsible for automated infrastructure provisioning (Windows and Linux) using **Puppet** Scripts.
* Responsible for automated deployment of java application in Tomcat Server using **Puppet** scripts.
* Responsible for automated identification of application server and database server using **Puppet** scripts.
* **Hands on configuration management** using Chef.
* **Configured and monitored multiple servers** using Chef. Defined Chef Server and Workstation to manage and configure nodes.
* **Installed Chef Server Enterprise** on premise/workstation/bootstrapped the nodes using knife and automated by testing Chef recipes/cookbooks with test-kitchen/chef spec.
* **Used Chef** and other configuration management tools to deploy consistent infrastructure code across multiple environments
* Migration of **Bamboo** and control tier along with build servers, Hands on experience in Python, Amazon Web Services (S3, EC2, Lambda, RedShift, SNS, Cloud Formation), SQL Server 2008 Database.
* Proposed **branching strategies** for using Version Control Systems like **GIT, Clear Case, Stash, Github & Subversion**.
* Created **branches, performed merges** in version control systems **GIT, ClearCase, Github, SVN, Stash and Perforce**.
* Used Amazon web servers for continuous delivery systems.
* Installed **Sonar** and managed it as a **Code Quality Analysis** tool to track the trending.
* Used **Jenkins** as a CI tool for performing the build automation.
* Written **shell scripts** to monitor the logs after deployments and send emails automatically.
* Chain, SVN/GIT with Development/Test/Production Branching Model for weekly releases.

**Environment: Shell Scripting, Puppet, Chef, Bit Bucket, JIRA, Python, Tomcat, Apache, Oracle, Jenkins, Ruby, Chef, JIRA, Maven, Git, Ubuntu, CentOS, AWS, Elastic Load Balancer, S3, Cloud Watch,IAM,RDS, Storage Gateway.**

**CGI, Sacramento, CA Oct 2013 –Dec 2014**

**Linux/DevOpsEngineer**

**Responsibilities**

* Developed installer scripts using **Ant, Python and UNIX** for various products to be hosted on Application Servers.
* Automated the release pipeline to achieve zero touch deployments using **Jenkins, SVS, Nexus, Nolio**.
* Coordinate/assist developers with establishing and apply in appropriate branching, labeling/naming conventions using **Subversion (SVN)** source control.
* Automated the builds using Bamboo **CI server.**
* Created deployment workflows in **Nolio** which includes prerelease, release and Post release steps
* Analyze and resolve conflicts related to merging of source code for **SVN.**
* Conceived, Designed, Installed and Implemented **CI/ CD automation system.**
* Created and updated Bash scripts and modules, files, and packages.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation
* Set up Java environment for the installation of **ANT on Linux**.
* Troubleshoot Build and Deploy Issues, with little downtime.
* Organized and Co-ordinated Product Releases, work closely with product development, QA, Support across global locations to ensure successful releases.
* Implemented rapid-provisioning and life-cycle management for Linux using Amazon EC2, Chef, and custom Ruby/Bash scripts.
* Worked on Managing the Private **Cloud Environment using Chef.**
* Implemented Chef Cookbooks for OS component configuration to keep AWS server's template -minimal.
* Monitoring using **Ansible** playbooks and has integrated **Ansible** with **Rundeck** and Jenkins
* Designed a Configuration Management solution using **Puppet**
* Developed automation framework for Application Deployments to the cloud environments.
* Managed and optimize the Continuous Delivery tools like **Jenkins.**
* Participated in configuring and monitoring distributed and multiple platform servers using **Puppet. Used Puppet** server and workstation to manage and configure nodes.
* Experience in managing virtual instances and disks using **Puppet.**
* Deployed Puppet, Puppet dashboard for configuration management to existing infrastructure
* Installed, Configured, Administer **Hudson/Jenkins Continuous Integration Tool.**
* Automated Continuous Build and Deploy Scripts for **Hudson/Jenkins** Continuous Integration tool.
* Wrote **ANT and MAVEN Scripts** to automate the build process.
* Provided ANT build script for building and deploying the application.
* Integration of Automated Build with Deployment Pipeline. Currently installed **Chef Server** and clients to pick up the Build from Jenkins repository and deploy in target environments (Integration, QA, and Production).
* Branching, Tagging, Release Activities on Version Control Tools: **SVN, GIT.**
* Member of the Technical Design team, Build and Release Module for Development of new products.
* Automated the local dev environment using **Vagrant/chef-solo.**.

**Environment:** **Red hat Enterprise Linux(RHEL) 7/6., Java, Eclipse, Toad, Git, , Puppet, Tomcat, Apache, Ansible, Jenkins, Python, Ruby Chef, JIRA, Maven, Art *factory, Ubuntu, CentOS, AWS , AWS Cloud Formation Templates, Cassandra, AWS RDS, AWS Cloud Watch, Ruby, Chef-solo/server***

**LPL Financial, San Diego, CA Dec 2012 – Oct 2013**

**Build / Release Engineer**

**Responsibilities**

* As member of Release Engineering group, redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting, on UNIX platform.
* Setting up the build and deployment automation for Java base project by using **JENKINS** and **Maven**
* Responsible for creating and **deploying builds** on various WebLogic environments, testing in build environment and release to test team on scheduled time.
* Creating builds using power shell Scripts, ANT**/Maven** scripts manually and automated.
* Troubleshooting deployment and installation issues.
* Automated the Build Process using **Jenkins**.
* Maintained necessary back-up of the important files and documented Linux scripts for future reference.
* Handling complete **Build and Release process** including code, documentation and supporting testing team along with the server Administration
* Work with QA to facilitate verification of releases. Running multiple builds at a time.
* SVN administration like give access for branches and **SVN repositories**.
* Creating **SVN repositories** and give access rights to the authorized developers.
* Maintained and administered **GIT** source code tool.
* Created Branches, Labels and performed Merges in Stash and **GIT**.
* Support the code builds by integrating with continuous integration tool (**Jenkins**).
* Installed and configured **Jenkins** for Automating Deployments and providing an automation solution.
* Integrated **GIT** into **Jenkins** to automate the code check-out process.
* Used **Jenkins** for automating Builds and Automating Deployments.
* Managed build results in Jenkins and deployed using workflows.
* Managed to deliver specific versions of various components of an application into target environments.
* Modeled the structure for multi-tiered applications orchestrate the processes to deploy each tier.
* Developed build and deployment scripts using **ANT** and **MAVEN** as build tools in Jenkins to move from one environment to other environments.
* Integrated delivery (CI and CD process) Using **Jenkins, Nexus, Yum** and **puppet**.
* Have used Confluence to create, share and discuss content and projects.
* Familiar and experienced with **Agile** Scrum development.

**Environment:** ***GIT, Ant, Maven,* Artifactory*, Tomcat, WebSphere, SVN, VMware, Clear Quest Jenkins, Linux, JBOSS, Shell, Perl Scripting, Nexus, JIRA***

**Inspira Technologies, Hyd Nov 2008 – Dec 2009**

**Linux Engineer**

**Responsibilities**

* **Developed build using ANT and MAVEN** as build tools and used **CI tools to kick off the builds** move from one environment to other environments.
* **Participated in the release cycle** of the product which involves environments like developments QA and production.
* Involved in setting up builds using **Chef** as a configuration management tool.
* **Used Chef to configure and manage infrastructure.** Wrote cookbooks to automate the configuration setups.
* Updating the **SVN** log properties for revisions. Setting up the SVN synchronizes servers, changed rev properties for SVN sync.
* Installed and configured build manager and agents to queue builds in TFS.
* Promoting the changes from trunk revisions to release branch.
* Proposed and implemented branching strategy suitable for agile development in Subversion.
* Create TFS Database Backup Schedules and create TFS Disaster Recovery Plan
* Identifying Area paths and Iterations for different projects for different sprints, to make use in work items.
* Developed scripts using **PERL, BASH and BATCH** files for Automation of Activities and builds.
* Created the **ANT scripts and extension of existing ANT scripts for deployment of applications to HUDSON**
* Migrating SVN, IBM and Unisys legacy data from PVCS to TFS.
* Installed and configured **Hudson/Jenkins** for Automating Deployments and providing an automation solution.
* Installed different TFS plugins like TFS Power tools, Sidekicks, Community Build Manager etc.
* Integrated Subversion into **Hudson/Jenkins** to automate the code check-out process.
* Have the responsibility as a UAT support for the project till the project goes into the production.

**Environment: GIT, SVN, Ant, MAVEN,ClearQuest, Linux, Perl Scripting, Jenkins, Agile, Shell scripting, JBOSS, Nexus, Windows, UNIX, WebLogic, JIRA**

**Netxcell, Hyderabad, India July 2009 – Nov 2011**

**System Engineer**

* Experience in developing dynamic web based user interfaces using **HTML** and **JavaScript**.
* Preparing the Design document by reviewing the Solution Requirement Specifications.
* Worked on full cycle including design to development to testing to post go live operations.
* Developed **J2EE** based application using **J2EE, JSP, Servlets, JDBC, XML** and **Oracle**
* Involved in coding With Struts Action classes and Java Server pages.
* Created **JavaScript** functions for client side validations.
* Developed web **GUI** components using Struts **MVC** Framework.
* Preparing the Design document by reviewing the Solution Requirement Specifications.
* Working on the Change requests and involved in Construction phase.
* Writing Test Cases from Function Specifications.
* Handling Status Calls to explain the progress of defects.
* Providing reports and performing Cleanups requested by client.
* Java coding to fix the defects and performing unit and integrated testing.
* Developed **XML** processing logic using **JAXP API** and **XML** parser.
* Working on the Change requests and involved in Construction phase.
* Developed and Worked in **EA** Frame Work
* Writing Test Cases from Function Specifications.
* Handling Status Calls to explain the progress of defects.
* Providing reports and performing Cleanups requested by client.
* Java coding to fix the defects and performing unit and integrated testing.
* Capable of Creating new database instances & managing table Spaces, users & roles.
* Conversant in **XML** related technologies.

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**Environment Java EE 1.5, JDBC, Multi-Threading, Servlets, JSP, Struts 1.0, XML, XSLT, JUnit, Eclipse, ANT, WebLogic server 9.2, Oracle 9I, CVS**