**Summary:**

* Systems Engineer/DevOps Consultant; 7+ years Linux engineering and automation experience.
* Release Engineering, Cloud Infrastructure, Amazon Web Services (AWS), Jenkins and Chef.
* Script using Bash, Shell, Ruby, Python and Power Shell on UNIX/Linux and Windows.

**Experience/Project Work**

**JPMC Columbus, OH** **Apr 2016 - Present**

**DevOps Consultant**

* Involved in multiple roles in various capacities managing and delivering the deployments, accountable for the entire infrastructure design and design of deployment automation framework.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments and also create new jobs and branches through Jenkins.
* Installed Jenkins/Plugins for GIT/SVN Repository, Setup SCM Polling for Immediate Build with Maven and Maven Repository (Nexus Artifactory) and Deployed Apps.
* Designed and implemented Chef, including the internal best practices, cookbooks, automated cookbook CI and CD system.
* Worked on build tasks using Maven, Ant and GNU Make files and worked with development team to migrate Ant scripts to Maven.
* Worked on Migrating SVN to GIT and also worked on converting Ant Builds to Maven.
* Setup and support automated Continuous Integration utilizing tools like Jenkins, Shell Scripts, AWS CLI/API.
* Worked on setting up then environment for next release cycle, with setting up the servers, Data Power routing, ANM, etc. for both Dev and Test environment and also good experience in setting up the environment for new clients.
* Automated deployment of builds to different environments using Jenkins/Hudson CI tools.
* Using Jira, Service Desk, Kanban Board, HP Service Manager for bug tracking.
* Good experience in creating ITSM, Giving instructions to L1, L2 and Database Deployment team.
* Worked on upgrading WAS, Fixing the Open SSL chippers, installing the SVN and GIT on new servers.
* Designed and developed automation test scripts using Python/Shell/Perl.
* Upgrading Environments like DEV, TEST, UAT, STAGE after every minor and major releases and Infrastructure support to all environments.

**Environment**: Java, Oracle 10gand 11g, Bash, Perl, Python, VB Scripting, Jenkins, Maven, Ant, Nexus, Art factory, GIT, SVN, Tomcat, WebSphere, Apache, Ubuntu, CentOS, Linux, AWS, , IBM Data Power, ITSM, ITPAM, HP Service Manager, Jira, Service Desk, Kanban Board, EPV, RSAM, TAMS, AIMS.

**Statefarm Insurance, Chicago ,IL Jan 2015 – Mar 2016**

**DevOps Consultant**

* Experience in designing and implementing continuous integration system using Jenkins by creating Python and Perl scripts.
* Developed build and deployment scripts using MAVEN as build tool and automated the build and deploy processes using Jenkins to move from one environment to other environments.
* For CI/CD pipeline Jenkins is used, Written jenkins-job-dsl for configuring the jobs in jenkins.
* Implemented Continuous Delivery framework using Jenkins, Maven & Nexus in Linux environment.
* Responsible for code build, release and configuration on Amazon EC2.
* Perform Deployment of Release to various QA & UAT in Linux environments.
* Optimized volumes and EC2 instances.
* Created multi AZ VPC instances
* Used AWS IAM to create new accounts, roles and groups
* Configured S3 versioning and lifecycle policies to and backup files and archive files in Glacier
* Automated server/database backups using (snapshots/AMI images) Developed cookbooks from scratch and wrote recipes, scripts, monitoring checks and also developed LWRP’s for the cookbooks.
* Automated AWS components like EC2 instances, Security groups, ELB, RDS, IAM through AWS cloud Formation templates
* Evolved existing Jenkins processes to further streamline deployments and cutover processes.
* Developed Ruby and shell scripts for automation as per the requirements.
* Worked with various scripting languages like Bash, Perl, Shell, Ruby and Python.
* Actively involved in architecture of DevOps platform and cloud solutions.
* Automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Able to create scripts for system administration and AWS using languages such as BASH and Python.

**Environment:** Chef, Ruby Maven, Artifactory, Git, Ubuntu, CentOS, Linux, AWS ELB, AWS SQS, AWS S3, AWS Cloud Formation Templates, AWS RDS, AWS Cloud Watch, Ruby, Chef Git. Spring, jQuery, Tomcat, Apache, Oracle 11g, Jenkins

**United Health Group , Minneapolis, MN Mar 2013 – Dec 2014**

**DevOps/Build Engineer**

* Implementing new projects builds framework using Jenkins & maven as build framework tools
* Implementing a Continuous Delivery framework using Jenkins, Maven in Linux environment
* Written wrapper scripts to automate deployment of cookbooks on nodes and running the chef client on them in a Chef-Solo environment.
* Created monitors, alarms and notifications for EC2 hosts using Cloud Watch   
  Defining Release Process & Policy for projects early in SDLC.
* Coordinating with Different Project teams on Build &release planning and efforts. Used security groups, network ACLs, Internet Gateways, NAT instances and ip tables to ensure a secure zone for organizations in AWS public cloud.
* Setup elastic load-balancers for different applications to ensure high availability of applications.
* Created scripts in Python which integrated with Amazon API to control instance operations.
* Used open-ssl to generate SSL certificates and setting up SSL for ELBs through VeriSign.
* Used Amazon Route53 to manage DNS zones and also give public DNS names to elastic load balancers ip's.
* Used Amazon RDS Multi-AZ for automatic failover and high availability at the database tier for My SQL workloads
* Used Cloud formation and launch configurations to automate repeatable provisioning of AWS resources for applications.
* Setup auto scaling groups based on memory and CPU to adapt to unforeseen spikes.
* Write Chef specs and Server specs for the unit testing and integration testing.
* Used Kitchen as a platform to test our cookbooks.
* Configuring, setting up of Tomcat, Apache, HA proxy, Redis, MemcacheD

**Environment:** AWS, Ruby, Chef Oracle 11g, Jenkins, Python, Ruby Chef, JIRA, Maven, Artifactory, Git, Ubuntu, CentOS, Windows.

**GSK Pharmaceuticals, Mumbai, India March 2012 to Feb 2013**

**Release/Build Engineer**

* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Worked on UNIX and Windows environments including shell and perl scripts.
* Developing build and deploy tools to make smooth pipeline transition from Dev to Production.
* Upgrading Jenkins & deploy Tomcat 7 on the existing applications.
* Configuring LDAP authentication with the existing software structure (Jenkins)
* Implemented parallel deployment successfully on the Jenkins.
* Deployment of the Business processes by creating JAR, WAR and EAR files to JBoss Application Server
* Used and Administered Continuous Integration tools Jenkins, Bamboo and Build Forge.
* Built, configured and supported Application team environments.
* Maintained and upgraded Jira issue tracker, Crucible code review tool.
* Experience Installing, configuring and upgrading Web logic, Tomcat & JBoss application server.
* Implemented & maintained the branching and build/release strategies utilizing Subversion.
* Used Ant, Maven as a build tools on java projects for the development of build artifacts on the source code.
* Managed Version Control Subversion (SVN) and GIT Hub Enterprise and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
* Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
* Establishing standards for build artifact management and build configuration. Documentation of change management and best practices.
* Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA and other teams to ensure a smooth transition of deliverables through proper release channels.  Tested various in-house windows/linux based installers.

**Environment:** JAVA, CSS3, HTML 5, XML, JavaScript, J-Query, and PHP., JavaScript Apache Tomcat, Web Sphere Application Server, Oracle 10g and 11g,

**VisionTek Solutions Pvt LTD, Hyderabad, India Jan 2010 to Feb 2012**

**Release/Build Engineer**

* Working with a team of Developers, QA testers, and DBAs, implemented a code branching strategy for an internal marketing management application.
* Worked on all build, configuration and release management activities within the projects.
* Worked Configuring the build server for the build set up, managing the code repository.
* Worked on taking care of deployments servers for the deployments and any issues, integrating the content and managing the cms activities
* Managing the releases for in and outs, smoothening the entire build cycle per release,
* Interacting with the client and different teams for any changes in build process requirements.
* Maintaining and setting up infrastructure and daily builds.
* Setting up build structure as per requirement with maven.
* Keeping track of content through Day Cq.
* Code coverage using Sonar
* Maintaining Builds per release
* Configuring the layout and design of content
* Involved in Configuring Production set up, maintaining live releases and cut over plans.
* Setting up of dispatcher configurations, load balancing and maintaining author and publish instances.

**Environment:** Java, Eclipse, Toad, Git, Tomcat, Apache, Oracle, Jenkins, Ruby, JIRA, Maven

**EDUCATION and CERTFICATIONS :**

* Bachelors in Technology with Major in Electronics engineering from JNTU, India.