**Summary:**

* Highly motivated **DevOps** Consultant with around 7+ years of extensive experience in Software Development Life Cycle (SDLC) including requirements analysis, design specification, coding and testing of enterprise applications.
* Good Experience in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services (AWS), Ant, Maven, Jenkins, Chef, SVN, GitHub, Nexus CVS, Tomcat, Linux etc.
* Implemented **AWS** solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Experience Setting up databases in **AWS** using RDS, storage using S3 bucket and configuring instance backups to S3 bucket.
* 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**.
* Experience with Scripting in multiple languages on UNIX, LINUX and Windows -**Ruby, Python, Power Shell** and **Bash** scripts.
* Used Shell Scripting (Bash and Ksh), Ruby and Python based scripts for merging, branching and automating the processes across the environments.
* Developed Shell/Perl/Python Scripts and Power shell for automation purpose.
* Administered and Engineered **Jenkins** for managing weekly Build, Test and Deploy chain, SVN/GIT with Dev/Test/Prod Branching Model for weekly releases
* Extensively experienced in using Build Automation tools like **ANT**, **Maven, Gradle.**
* Experienced in Change Management using tools like **ITSM**.
* Experience in using Bug tracking tools like **JIRA, Remedy, HP Quality Center**.
* Experience in using Version Control Tools VSS, Sub-Version, **Git.**
* ExperienceinusingNexusandArtifactoryRepositoryManagersforMavenbuilds.
* Experience with web and application servers (Apache http server, Tomcat).
* Managed environments **DEV, QA, UAT and PROD** for various releases and designed instance strategies.
* ResponsibleforallaspectsoftheSoftwareConfigurationManagementprocessincludingCodeCompilation, Packaging, Deployment, Release Methodology and Application Configurations.
* ResponsiblefordeliveryofnewenvironmentswithvariousmiddlewareconfigurationsfornewlyassignedprojectsandPerformedbackfillactivitiesonallenvironmentstobringtheenvironmentsuptocurrentreleasecycles.

Experience/Project Work

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

JPMorgan Chase is one of the oldest financial institutions in the United States. With a history dating back over 200 years, here's where west and today. We are a leading global financial services firm with assets of $2.4 trillion and it is operating in more than 100 countries with over 235,000 employees.

**Role: Sr DevOps Consultant**

**Responsibilities**:

* Involved in multiple roles in various capacities managing and delivering the deployments, accountable for the entire infrastructure design and design of deployment automation framework.
* Setup and support automated Continuous Integration utilizing tools like **Jenkins, Shell Scripts, AWS CLI/API**.
* 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.
* Managed Ubuntu, Linux and Windows virtual servers on **AWS EC2 using Chef Server**.
* Worked on Designing and deploying AWS solutions using **EC2, S3, RDS, EBS, Elastic Load Balancer and Auto scaling groups**.
* 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**.
* 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, AWS Cloud Formation Templates, AWS RDS, AWS Cloud Watch, Ruby, Chef, 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

State Farm is a mutual company – with policyholder members – not driven by the demands of investors. Currently ranked No. 41 on the Fortune 500 list of largest companies. State Farm insures more cars and homes than any other insurer and is a leading insurer of watercraft in the United States.

**Role: Sr DevOps Consultant**

**Responsibilites:**

* 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
* Configured **Elastic Load Balancers** (ELB) with EC2 Auto scalling groups
* 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
* 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, **Chef,** Maven & Nexus in Linux environment.
* 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**.
* Designed and implemented **Chef**, including the internal best practices, cookbooks, automated cookbook CI and CD system.
* Installed **Chef-Server Enterprise** On-Premise/WorkStation/ Bootstrapped the Nodes using Knife.

**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

A Fortune 14 company, UHG is focused on helping people live healthier lives while making the health system work better for everyone. Here, we seek to empower people with the information, guidance and tools to make personal health choices.

Role : Sr DevOps/Build Engineer

Responsibulities:

* Implementing new projects builds framework using Jenkins & maven as build framework tools
* Implementing a Continuous Delivery framework using **Jenkins**, **Chef**, 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.
* Worked on AWS Server provisioning Using Chef **recipes**.
* 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 c**ookbooks**.
* Configuring, setting up of Tomcat, Apache, HA proxy, Redis, MemcacheD, etc

**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**

**Role: Sr. Release/Build Engineer**

**Responsibilities:**

* 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**

**Role : Release/Build Engineer (Software Engineer)**

**Responsibilities:**

* 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, Art factory.

EDUCATION and CERTFICATIONS :

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