**Chandra Sekhar**

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**EXPERIENCE SUMMARY**

Cloud DevOps with 4+ years of experience in AWS, Azure, DevOps, Build Engineering and Release Management process, including end to end code configuration (CI, CD&CM) building binaries and deploying artifacts and entire life cycle model in Enterprise Applications

* Experience in building CI and Release pipelines in **AWS DevOps**
* Experience in defining architecture and deployment in **Kubernetes (EKS)**
* Experience in software development life cycle (SDLC) in Agile Environment.
* Experience with Amazon web services (**AWS**) and with configuration of various amazon products.
* Experience in DevOps tools like **Jenkins, RTC, Nexus, Subversion, Ansible, Chef/Puppet.**
* Automated build process using CI tools like Jenkins and UCD.
* Proficient in creating and maintaining various DevOps related tools for the team such as provisioning scripts, deployment tools and staged virtual environments using vagrant and Virtual machines.
* Experience in installing and administrating CI tools like Jenkins/RTC, Subversion, GIT and Perforce.
* Excellent knowledge on **Amazon Web Services Products EC2, RDS, S3, Glacier, ELB, Cloud Front, Route53, Cloud Watch, VPC, Auto-Scaling**.
* Experience in deployment tools **XL-Deploy,Xl-Release and UCD.**
* Strong knowledge on monitoring and management tools like **NAGIOS** and analysis logs by using **Splunk** .
* Develop scalable build, test and deployment systems in virtualized environments.
* Proficient in orchestrating the **Docker** containers using the combination of tools like **docker**-**compose** and **Kubernetes**.
* Expert in managing Sonartype Nexus/Artifactory repositories for the maven artifacts and dependencies.
* Responsible for writing Manifests to configure nodes and Using Bitbucket
* Experience in build automation using **JENKINS, MAVEN, ANT.**
* Good understanding of building the **Angular** **Applications** using the **Maven** and **Jenkins**.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT, Perforce,RTC.
* Expertise in deploying the code through web application servers like **WebSphere/WebLogic/ JBoss/Apache Tomcat.**

### Experience

* Working as Devops Engineer HCL Technologies SEP 2016 to Till Now

### Qualification

M.Tech – Computer Science in Sept 2015

### Technical skill profile

* + Cloud services: AWS (EC2/VPC/S3/IAM/ELB/ROUTE 53)
  + Configuration Management tools: Ansible, Docker,Kubernetes.
  + Build Tools/ CI/CD servers: Maven, Jenkins, UCD,XL-deploy and XL-release.
  + Monitoring Tools: Nagios, AWS cloud monitoring, Splunk.
  + Project Management: MS Project, Resource and Project Plans, Estimation, Code

Delivery Coordination Source Control Subversion (GIT), JIRA, RTC.

* + Databases: Oracle.
  + Operating Systems: Linux and Windows.
  + Automation Testing tool: Selenium testing.
  + Language / Scripting: Shell script,Terraform and Cloud formation.

### Professional Experience

**Client:  SIC.**

**Role: Devops Engineer**

**Project: Standard insurance company Jan 9th - 2020 To Still date**

Standard Insurance Company, also branded as The Standard, is an American insurance and financial company which is a subsidiary of StanCorp Financial Group, headquartered in Portland, Oregon. On July 23, 2015, Meiji Yasuda, a Japanese mutual insurance group, made an offer to purchase Stancorp Financial for $5 billion.

**Project & Responsibilities:**

* Defined and Implemented **CM** and **Release** **Management** **Processes**, **Policies** and **Procedure**.
* Automated the release pipeline to achieve zero touch deployments using **Jenkins**, **GIT**, **Nexus**.
* Assisted developers in establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
* Analyzed and resolved conflicts related to merging of source code for GIT.
* Implemented, maintained and supported reliable, timely and reproducible builds for project teams.
* Maintained build related scripts developed in **shell for Maven builds**. Created and modified build configuration files including POM.xml.
* Worked with development team to migrate Ant scripts to Maven.
* Analyzed pom.xml files, performing releases with the Maven release plugin, and managing artifacts in **Sonatype** **NEXUS** repository.
* Worked with the documentation of Migration process, **AWS** **Deployment** **setup,** **Application** **Stack** **deployments** and Troubleshooting Scenarios.
* Configured and maintained **Jenkins to implementation**
* CI process and integrated the tool with Ant and Maven to schedule the builds. Took the sole responsibility to maintain the CI Jenkins server.
* Worked with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Experience in deployment tools **XL-Deploy,Xl-Release and UCD.**

**Client:  USAA.**

**Role: Devops Engineer**

**Project: Accenture Life insurance Platform Aug 15th - 2017 To Jan 8th 2020**

**Project Description**

ALIP product is an Accenture life insurance platform. we are providing insurance services to defence, navy and air force families. we are receiving code drop from Accentor deploying the jboss dev, test, runways, lab and prod servers.

**Responsibilities:**

* Used UDeploy as Continuous Deployment tool and to setup automated and scheduled deployments.
* Created Components, Applications, Component processes and Application Processes in UDeploy automation.
* Migrated from RTC CI/CD process to GIT with Jenkins CI/CD.
* Integration of Maven/Nexus, Jenkins, Urban Code Deploy with Patterns/Release, Git, Confluence, JIRA and RTC.
* Implemented a Continuous Delivery framework using Jenkins, Maven, and Urban Code Deploy in Linux environment.
* Automated the release pipeline to achieve zero touch deployments using Jenkins svn nexus and nolio
* Coordinate/assist developers with establishing and applying appropriate branching labeling/naming convention using GIT source control.
* Used maven dependency management system to deploy snapshot and release artifacts to nexus to share artifacts across projects and environments.
* Code drop extraction and check into the RTC Streams and Git branches.
* Deploying the code drop with UCD to the TEST, DEV, LAB ,RUNWAYS and PROD jboss servers.
* Product and Business configuration migration from master to all downstream servers.
* Wrote the automation shell scripts for product and business configuration extraction and migration process.
* Base line the RTC components to feature streams and migrated with the GIT the master branch

with feature branch in Git.

* Working experience in JBOSS Administration and troubleshooting issues.
* Implemented AWS EC2, IAM, S3, EBS, Elastic Load balancer (ELB), auto scaling groups services.

**Client:  Juniper**

**Role: Devops Engineer**

**Project: Cross Platform pro vising (CPP) Sep 15th 2016 to Aug 16th 2017**

**Project Description**

Juno's Space Cross Provisioning Platform is a Juno's Space application that acts as a manager of managers, provisioning services across multi-vendor devices. It simplifies multi-vendor service provisioning and life-cycle management for Carrier Ethernet and IP/MPLS services, using a flexible interface to design, validate, and manage provisioning across multi-vendor network platforms

**Responsibilities:**

* Design, Implement and maintain Continuous integration tool (Jenkins), Add & Remove the Plugins, Ensuring Security using Active Directory.
* Managing day to day build and release activities in project for multiple releases from code compilation to build delivery to consumer.
* Deployed the EAR and WAR archives into jboss Servers.
* Configured and Maintained Apache jboss for Release Management Team’s internal use.
* Provided assistance to developers in resolving problems.
* Created and Maintained Git repositories, branches and tags.
* Acted as an Integrator for performing merge, rebase and baseline operations.
* Attend forum for management of release weekly meetings.
* Involved in development and Selenium Testing.
* Monitor progression of releases and keep them on track for delivery on planned release date.
* Submit request for implementation to various groups who participate in release. Communicate status of release to all stakeholders.