

**Chandra Moule. P**

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##### Objective

Dedicated to optimization experienced **AWS DevOps Engineer** understands the melding of operations and development to quickly deliver code to customers.

##### Professional Summary

* + Technically competent professional with **4+ years** of experience in Software Configuration Management, Build, Release Deployments, CI Setup and Automation and **AWS Devops Engineer**
  + Good exposure to all phases of Software Development Life Cycle (**SDLC**).
  + Work closely with Development and **QA** teams to identify, prioritize and drive issues to resolution quickly.
  + Experience in Infrastructure Development and Operations, involved in designing and deploying utilizingalmost in all the AWS stack like **EC2**, **EBS**, **S3**, **VPC**, **RDS**,**IAM**, **ELB**, **Autoscaling**, **CloudFormation**, **CloudWatch, Route 53**.
  + Automate provisioning and maintaining large number of servers on AWS instances.
  + Building servers using AWS importing Volumes, Launching EC2, RDS, creating Security groups, Auto Scaling, Load balancers (ELBs) in the defined Virtual Private Connection.
  + Deployed and accessed EC2 instances worked with EBS Volumes and Snapshots and Customized and created Amazon Machine Images.
  + Back up the EC2 instance volumes by creating snapshots and saving them in **S3buckets** for disaster recovery (DR).
  + Designed and deployed instances on a highly secured, network isolated environment using Amazon **VPC**.
  + Installation, troubleshooting and changing the kernel parameters in Linux File Systems.
  + Experienced in building and deploying Java web applications on **Tomcat, JBOSS**servers in **Windows** and **Linux** environment.
  + Experienced in working with SCM tools like **SVN, GIT** and build tool like **ANT and Maven**.
  + Executing, verifying, and troubleshooting full software system builds.
  + Mentoring other team members in design, implementation phases to follow the best practices in DevOps to delivery robust application.
  + Automating the deployment and build of Application Servers across multiple environments, technologies and platforms.
  + Developing custom reporting tools, setting up automated health monitoring and alerting for builds and environments.
  + Automating the build, deployment and testing of Front End, Middleware and Database components.
  + Experience in Continuous Integration Tools like **Jenkins** and ticketing tool **JIRA and BMC REMEDY.**
  + Designing, implementing and supporting fully automated Continuous Integration and Continuous Delivery processes.
  + Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor and test applications and environments.
  + Implementing monitoring and reporting solutions across a range of environments and platforms.
  + Evaluating and advising on virtualization and containerization solutions.
  + Environment provisioning solutions using **Docker**, **Vagrant**.
  + Setting up and introducing Continuous Deployment processes and advising on best practice.
  + Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
  + Working closely with Architecture, Development, Test, Security and IT Services teams.
  + Involved in Shell scripting for compilation and deployment processes.
  + Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools.
  + Provisioning servers on datacenters and cloud using **Chef.**
  + Good understanding of Environment, Change and Release Management process.
  + Experienced in Build, Package and Deployment of end to end product life cycles
  + Verifying and documenting software build content and managing software releases.
  + Well–developed background in tool customizations, installation and maintenance.
  + Support and improvement of tools for continuous build, automated testing, and release management.
  + Strong knowledge in preparing the Release Packages to QA, SIT, PERF and UAT, Staging, PROD Environments.
  + Participation in an agile development process for analysis of detailed or high-level product requirements through design and quick test development, execution and results reporting.
  + Performing all SCM related activities including integrations/merges, branching and tagging for parallel development
  + Good Team player with good communication, interpersonal, problem solving and effective planning skills.

##### Work Experience

* Currently working for **SONATA SOFTWARE**, Sep 2014 to till date.

##### Technical Knowledge

* **Cloud Service :** AWS
* **Version Control** : SVN/Subversion, Git
* **Build Tool** : Ant &Maven
* **Continuous Integration** : Jenkins
* **Database** **:** MYsqlMongoDB
* **Application Server :** Tomcat
* **Web Server :** httpd
* **Configuration Mgmt :** Chef,Ansible
* **Containerization Tool :** Docker,Kubernates
* **Monitoring Tool :** Nagios, Cloudwatch
* **Ticketing Tool :** Jira
* **Scripting Language** : Shell Script
* **Operating System :** Windows Server 2008, 2012, Windows 7, Linux

##### Academics

* Master of Science : MCA at OsmaniaUniversity
* Bachelor of Science : BSc at SK University

##### Projects

**Project Title #2 :Phoenix**

**Client : TUI**

Environment **:** AWS**,** Git, Maven, Jenkins, Docker, Nagios, MongoDB, , Apache, Tomcat, Kubernates, Shell Scripting.

Role : AWS DevOps Engineer

Duration : Sep 2014 – Till date

##### Roles & Responsibilities

* Maintained SVN repositories for DevOps environment: automation code and configuration
* Building code artifacts, deployment and automation using Jenkins and Chef.
* Uploading latest build artifacts on Nexus repository.
* Carried out the Build Process daily for Testing and Execute the related DB scripts
* Automate the build Process Using Maven and Jenkins
* Setup Pre-production environments on different platforms using Chef
* Implemented the Release practice and responsible for pushing builds into SYS/ UAT/ Pre-Production/ Production
* Coordinate with the Development/Test Teams to receive the correct versions of re-usable and dependent components and DB Script for issuing/installing successful builds and making it ready for the Release on time
* Automate build and deployment process used for J2EE applications using **Jenkins and Chef**.
* Creating / Modifying / Applying Chef Cookbooks to automate complex tasks and get a standard environment.
* Project involved the usage of maintaining repository and version controlling
* Prepare relevant documentation for releases such as Release process documents.
* Experienced in **Incident Management** and Closing the user incidents and service requests within the SLA in the **BMC remedy tool**
* Involved in SSL certificates creation and renewal for website applications and proficient in submitting Change Requests for SSL Certificate installations.
* GIT installation, configuration ,version migration and administration

**Project Title #1 : THOMSON REUITERS PHARMAIDDB**

**Role**: Build & Release Engineer

**Duration** : Feb 2014 to Sep 2014

**Environment :** SVN, Maven, Jenkins, Jira, Shell Script

##### Roles& Responsibilities

* Managing all phases of **Build and Release activities**, **dependency management** and **deployment strategy.**
* Creating tag, branch & setting up projects & build plans in CI tool (Jenkins).
* Troubleshooting of build errors in Jenkins for both the Software Configuration Mgmt. team and the development team.
* Assisting in CM plan preparation and maintenance.
* Builds and deploy of code to different environment.
* Maintenance of **Shell scripts** for safe builds and deploys.
* For on boarding existing application, performing knowledge transition from development team to SCM team on build and deployment process.
* For new applications, work with development to get the requirements of application build and deployment process.
* Implemented the Release practice and responsible for pushing builds into QA / UAT /Pre-Production/ Production stages.
* Installation of different version of developing software for development and quality assurance teams.
* Managing day to day Build & Release Activities and CM Support.
* Involved in Deployment of the application using **Tomcat.**
* Maintaining and ensuring stringent adherence to quality standards, norms & practices, identifying gaps and taking corrective administrative actions.
* Responsible for nightly and release builds and regression testing. Environment of Java, on Linux.
* Resolving Build issues.
* Making of System/Process Automation through Shell Scripting.