**Kalyani P**

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**Professional Summary:** Experience

* Having 10 years of IT experience in creating the company's DevOps strategy, as build & release engineer responsible for automating, building, deploying, and releasing of code from one environment to other environment and as install developer responsible for building installer for AgilePLM product, generating service pack installers and hot fix installers and configuring to different platforms
* Strong knowledge on chef architecture and chef concepts such as nodes, workstation, chef server, recipes, resources, cookbooks, environments, roles
* Experience in installing, configuring, maintaining and admin various version control systems like GIT, CVS, and Clear case on UNIX and windows environment.
* Experience in understanding all the stages of Software Development Life Cycle(SDLC)
* Supported provisioning by creating and configuring virtual development environments using vagrant
* Experience in creating EC2 virtual servers using Amazon Web Services
* Knowledge on elastic load balancers and s3 storage in Amazon Web Services
* Experience in automating the infrastructure using chef and knowledge on Ansible
* Experience in executing knife commands and testing the recipes on different platforms using test kitchen
* Experience and good understanding of source control management concepts such as Branching, Merging, Labeling/Tagging
* Installed, configured and administered CI tool Jenkins by integrating GIT for automated builds.
* Managed artifacts generated by Jenkins.
* Experience in administering and configuring Nexus Repository Manager
* Ability to build deployment, build scripts and automated solutions using shell scripting
* Experience in Build Automation tools like ANT
* Experience in using monitoring tool like Nagios
* Experience in working RHEL, Ubuntu, UNIX, windows.
* Hands on experience in deploying and maintaining the applications in WebLogic and WebSphere application servers.
* Experience in setting up Baselines, Branching, Merging and Automation Processes using Shell scripting
* Install & Configure Oracle Http Server, Apache Web server.
* Knowledge on container management tool Docker
* Knowledge on Python and Ruby programming
* Cluster Configuration – Single Cluster, Multiple Clusters and Deployment over clusters
* Extensive experience in installing, configuring and deploying the applications on WebLogic server
* Experience in writing Scripts to handle complex automation using Shell scripting, WLST, and Python.
* Security concepts like User and Group configuration, 1- Way SSL and 2 - way SSL configuration and External LDAP configuration, Open Ldap, Active Directory.
* Created functional and technical design documents for developing installer code using Install Anywhere
* Experience in building the installer for different operating systems like windows, Linux, Solaris, HP\_UX and AIX
* Created custom plugins to support customization in Agile PLM installer.
* Leading the Install module of entire Agile PLM suite.
* Deployment of Agile Application on different Application Servers life OAS, WebLogic & websphere and troubleshooting the deployment failures.
* Strong experience in various IDEs such as JDeveloper 11g, Eclipse.
* Coordinated with engineering team members in coding, review of designs and test results.
* Self-Starter, Highly Motivated and Willing to learn and adopt Technical Procedures
* Possess strong leadership, interpersonal and excellent analytical & problem solving skills.

**Education:**

Bachelor of Technology in Computer Science & Engineering from JNTU,Anantapur in the year 2004.

**Tools/Technical Skills:**

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| --- | --- |
| **Platform / OS** | RHEL, Ubuntu and Unix |
| **Application Server’s** | Oracle WebLogic Server 8.1 SP6/9.2 MP3/11g |
| **Web Server’s** | Apache 2.2, Tomcat 4.x/5.x/6.x ,Oracle Http Server |
| **IDE** | Eclipse, Jdeveloper |
| **Languages** | C, C++, HTML, XML, JAVA, J2EE,ADF |
|  |  |
| **Web technology / Scripting** | WLST, Jython, Perl, HTML, XML, Shell script, Java Script, VB Script. |
| **Tools & Utilities** | GIT,CVS, Clear Case, Jenkins, Chef, Ansible,Nagios, Nexus, Docker |
| **Protocols** | Http, Https, t3, t3s, Ftp, TCP/IP, LDAP, SNMP, TCP, SSL, TLS |
|  |  |
| **RDBMS** | Oracle 8i /9i/10g, SQL Server 2000/2005, MS Access. |
| **Packages** | MS Project, MS FrontPage |
| **Applications** | Oracle Fusion(PLM & PIM) |

**Experience Summary:**

**Devops Engineer**

Ritepros,

Client-Charter Communications, St Louis, MO

July 2015 to till date

**Responsibilities:**

* Implementing new projects builds framework using Jenkins & maven as build framework tools
* Implementing a Continuous Delivery framework using Jenkins, CHEF, Maven in Linux environment
* Created virtual environments via vagrant with chef client provision
* Boot strapping the nodes that were created using AWS EC2 virtual servers.
* Created cookbooks and implemented data bags to manage infrastructure on RHEL
* Used knife command line tool to manage the nodes, cookbooks, recipes, roles, environments and data bags
* Used food critic to implement the best practices of writing cookbook and to find the common cookbook problems
* Testing cookbooks with test kitchen using .kitchen.yml
* Implemented roles and environments using chef
* Worked on documentation - Chef basics, Initial setup of Chef, Data bags implementation, Coding standards, Cookbook document, Testing docs
* Used GIT version control to manage the source code and integrating GIT with Jenkins to support build automation.
* Strong usage of GIT commands to clone the central repository to local server, merge the local changes with the master, etc.
* Installing GIT and cloning the central repository via Jenkins on RHEL.
* Provided end-user training for all GitHub users to effectively use the tool.
* Installing and configuring Jenkins on web container.
* Developed build scripts using Maven as the build tool for the creation of (Ear & War files) build artifacts.
* Managed and monitored the server and network infrastructure using Nagios.
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.

**Environment:** Chef, Vagrant, GIT, Jenkins, Nagios, Maven, Nexus, AWS EC2, Virtual Box

**Devops Engineer**

Ritepros

Client - Zurich Insurance. Schaumburg, IL

Jan 2015 to Jun2015

**Responsibilities:**

* Maintaining Infrastructure automation using chef
* Mange build and deployment using maven, Jenkins, Chef SCM tools
* Installing and configuring chef by registering the nodes with the chef server
* Writing cookbooks, uploading them to chef server and executing them on the nodes by running chef client
* Testing the cookbooks across different platforms using test kitchen
* Installing and configuring Jenkins on tomcat webserver and WebLogic application server.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
* Continuous Delivery is being enabled through deployment into several environments of Test, QA, Stress and Production using Jenkins.
* Creating virtual servers using vagrant, virtual box and provisioning with chef client
* Troubleshoot the automation of Installing and configuring applications in the test environments
* Provided periodic feedback of status and scheduling issues to the management.
* Developed and maintained Maven scripts for build and release tasks.
* Involved in editing the existing ANT/Maven files in case of errors or changes in the project requirements.
* Defined and implemented build and deployment strategies for all applications.
* Used GIT version control to manage the source code and integrating GIT with Jenkins to support build automation.
* Strong usage of GIT commands to clone the central repository to local server, merge the local changes with the master, etc.
* Installing GIT and cloning the central repository via Jenkins on RHEL.
* Developed build scripts using Maven as the build tool for the creation of (Ear & War files) build artifacts.
* Managed and monitored the server and network infrastructure using Nagios.
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.

**Environment:** Chef, Vagrant, GIT, Jenkins, Maven, Virtual Box

**Devops Engineer**

**Oracle Corporation**

Jan 2013 to Dec 2014

**Responsibilities**:

* Defined and Implemented Release Management Processes, Policies and Procedures.
* Implemented chef to manage configurations and automate installation process.
* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using clear case source control.
* Hands on experience in automating builds and deployment process
* Involved in editing the existing ant/maven files in case of errors or changes in the project requirement
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Provided end-user training for all clear case users to effectively use the tool.
* Automate the builds and deployment of java projects using maven
* Implement, maintain and support reliable, timely and reproducible builds for project teams.
* Interact with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
* Managed the repositories using artifactory

**Environment:** clear case, Maven, chef, Linux

**Build and Release Engineer**

**Oracle India Pvt Ltd**

Nov 2009 to Dec 2012

Oracle Product Information Management is a market-leading solution, designed for retailers who require a central repository to manage vital information, including the relationships between the product and its suppliers as well as the product and the locations in which it is carried. This advanced and innovative solution provides retailers with the ability to consolidate master information from multiple disparate applications and business lines into a single repository. Oracle Product Information Management provides improved controls for retailers to better cleanse and enrich information to share the content across the enterprise and with their trading partners. Benefits:

Oracle Product Information Management is an enterprise data management solution that enables customers to centralize product information from heterogeneous systems, creating a single view of product information that can be leveraged across all functional departments.

**Responsibilities:**

* Setup an SCM environment to execute a continuous integration builds environment and making the environment agile for the developers.
* Automated deployment of builds to different environments
* Troubleshooting issues with Dev and QA environments.
* Sending the Uptime and Downtime notifications to teams regarding Servers Status as a part of the Build Engineer role at the time of deploying the EAR and WAR package.
* Participated in the release cycle of the product which involves environments like Development QA
* Publishing the Release notes for all the releases
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Worked with clear case to manage source code.
* Developed build scripts using ANT build tool
* Involved in editing the existing ANT files in case of errors or changes in the project requirements.
* Created Branches, Labels and performed Merges in clear case
* Knowledge of concepts in code lines, branching, merging, integration, versioning, etc.
* Debugged Build failures and worked with developers and QA people to resolve the related issues.
* Performing clean builds according to the schedule published for a given releases.
* Testing the Application deployment by installing on Appservers like weblogic before delivering the build to various teams.
* Perform various builds like testing, regression for QA Environments.
* Excellent problem solving, analytical skills and technical troubleshooting skills.
* Clarity and precision in verbal and written communications.
* Worked with customers, developers, testing, product management and support staff.

**Installer development & configuration**

Agile India Pvt Ltd

Sep 2004 to Oct 2009

**1. Product: Agile DB Installer**

Jan 2008 to Oct 2009

Agile DB Installer is Java based Application using “**Install Shield**” software, which will install the AGILE schema (SID) on Oracle database.

**Duties & Responsibilities:**

* Leading the Install module of entire Agile PLM suite.
* To validate the Agile DB Installer and check the Agile DB Schema validation.
* DB Install Media Pack Validation and Install doc verification.
* Re-packaging, testing, Deployment and support of software Packages.
* Used VB Scripts to create custom actions.
* Created Install/Remove Scripts (batch files) for the applications.
* Analyzed and customized (packaged) multiple applications.

**Environment :** Windows, Solaris (SPARC, X86), Linux (RHEL, OEL), AIX and HP UX

**Databases :** Oracle Database 9i, 10gR2 (10.2.0.1, 10.2.0.4) &11g (11gR1/R2)

**2. Products: Agile PLM, Agile Pharma and Analytics**

Sep 2004 to Oct 2009

Agile PLM (Product Life Cycle Management) enables companies to accelerate product innovation and maximize product profitability by managing the information, processes and decisions about their products, throughout the product lifecycle and across the global product network

Agile PLM is Enterprise PLM software built on j2ee platform. Agile PLM Installer is Java based Application using “**Install Any Where”** Tool from Macro Vision, Which will install complete Agile PLM installation.

**Duties & Responsibilities:**

* Leading the Install module of entire Agile PLM suite.
* Develop custom plugins to support product installer customizations.
* Debug and fix installer for major and patch releases of product.
* Installation and configuration on App Servers (OAS and WLS) on different operating Systems (Win/Sol/Linux/AIX and HPUX) in both stand alone and cluster mode.
* Closely work with release team and Product managers to update the platform matrix with respect to Hardware Resource and timelines as per the release road map.
* Weekly Build validation and update the status to Product manager.
* Deployment of Agile Application on different Application Servers and troubleshooting the deployment failures.
* Validating the Install Documents.
* Work with Product support Team to resolve customer install and Deployment issues and help them go live.
* Internal training on installation, deployment configuration changes to Doc team, support team and all the QA/Dev.

**Environment :** Windows, Solaris (SPARC, X86), Linux (RHEL, OEL), AIX and HP UX

**Application Servers:** Oracle Application Server, WebLogic Server