**Kartheek**

**SUMMARY:**

* 7+ years of experience in Build and Release and DevOps Engineering in Automating, Building, Deploying, and Releasing of code from one environment to other environment.
* Created SCM Process, Policies, Procedures and Release Notes to follow Development and allow SQA teams to Release or deploy highest quality product for the enterprise.
* Worked on SDLC Methodologies like Agile, Waterfall and other processes.
* Extensive experience with Continuous Integration Tools like Jenkins, Cruise Control Hudson, Bamboo.
* Extensively experienced in using Build and Automation tools like Ant, Maven, Gradle and working knowledge other build tools like MS Build.
* Good knowledge in IIS and hands on experience with WebSphere, JBoss and WebLogic deployments.
* Handled environments DEV, SIT, QA, UAT and PROD for various releases and designed instance strategies.
* Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes Amazon Web Services (AWS), Ant, Maven, Jenkins, Chef, SVN, TFS, Github, Serena Products, ClearCase, Docker, Build Forge, Serena PVCS, CVS, Tomcat, JBoss, and Linux etc.
* Experience in several AWS services EC2, VPC, S3, Cloud Watch, Auto scaling configurations etc.
* Used scripting languages like Python, PowerShell, Ruby, Perl, Bash and configuration management tools Chef, Puppet, Atlassian and CF Engine and Web Service like AWS.
* Installed and Configured - NFS, NIS, DNS, Mail Server, Apache Web Server on Linux and Solaris.
* Experience in setting up Baselines, Branching, Merging and Automation Processes using Shell/bash and Batch Scripts.
* Good knowledge on ITIL Process and have worked on coordinating releases across the projects.
* Experience in using GIT and Rational Clear Case on UNIX and Windows environment.
* Experience in building and deploying Java & SOA applications and troubleshooting the build and deploy failures.
* Experience with administrative tasks with CI tools like maintaining configurations and backups and maintain high availability.
* Hands on experience with QTP, HP Load Runner and Selenium Testing Tools.
* Experience using Nagios and Graphite monitoring system.
* Worked with Make, Ant and Maven Build tools in Java and CPP Environment.
* Experience in Load balancing, DNS, SSL and firewalls.
* Expertise in Querying RDBMS such as Oracle, PL/SQL and MY SQL by using SQL for Data integrity.
* Worked with different Bug Tracking Tools like Remedy, Jira, Servicenow and Clear Quest.
* Ability in development and execution of XML, Shell Scripts and Perl Scripts.
* Good experience on Linux environments.
* Created CM Plans and Test Plans for Applications.
* Coordinated with the Offshore and Onshore teams for Production Releases.
* Ability to work successfully as part of small to medium sized team or independently.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Excellent communication, interpersonal, analytical and quick problem solving skills.
* Exceptional ability to quickly master new concepts and a proactive team player.

**TECHNICAL SKILLS:**

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| Programming Languages | C, C++, Java, C#, .Net |
| Databases | SQL, PL/SQL, Oracle, SQL Server, DB2. |
| Web Technologies | HTML, XML, SOAP, WSDL, UDDI, XSD, XSL, XPATH. |
| Operating Systems | UNIX, Linux, Solaris, Red Hat, Windows, Windows Server. |
| Scripting Languages | SHELL, PERL, BASH, POWERSHELL, PYTHON, RUBY. |
| Version Control Tools | TFS, CVS, SVN, GIT, GITHUB, Perforce. |
| Application/WebServer | Oracle Web logic Server 11g, Apache Tomcat, Oracle Application Server 10g, BEA WebLogic 8.1/9.2, WebSphere, JBoss, Tomcat, IIS. |
| Build and Release Engineering/ Devops | MAKE, Jenkins, Cruise Control, Remedy, Puppet, Fish eye, AWS, Nagios, Rally, Chef, Ant, Maven, Gradle, HUDSON, MS Build, Docker, ANTHILLPRO, and BAMBOO. |

**EDUCATION:**

* Bachelor of Technology from , India

**PROFESSIONAL EXPERIENCE:**

**Western Union - San Francisco, CA April 2015 to Present**

**DevOps / Build & Release Engineer**

**Responsibilities:**

* Developed and supported the Software Release Management and procedures.
* Responsible for design and maintenance of the Subversion Repositories and the access control strategies.
* Performed all necessary day-to-day Subversion support for different projects.
* Implemented & maintained the Branching and Build/Release strategies utilizing Subversion (SVN).
* Worked on Administration, maintenance and support of Red Hat Enterprise Linux (RHEL) servers.
* Used Ant, Maven and Gradle as a build tools on java projects for the development of build artifacts on the source code.
* Maintained and administered GIT source code tool.
* Manage deployment automation using Puppet, MCollective, Custom Puppet Modules and Ruby.
* Automated the build and release management process including monitoring changes between releases.
* Implementing a Continuous Delivery framework using Jenkins, Puppet, Maven & Nexus in Linux environment.
* Migrated different projects from Star Team to SVN and Perforce to SVN.
* Written Chef Recipes to automate our build/deployment process and do an overall process improvement to any manual processes.
* Lead and assisted with the scoping, sequencing, planning, and creating GIT environments
* Developed procedures to unify, streamline and automate application development and deployment procedures with Linux container technology using Docker.
* Involved in implementing Workflows, Components, Screens and Notification schemes in Jira Project setup.
* Designing and implementing fully automated server build management, monitoring and deployment by using technologies like Chef.
* Deployed the Java applications into Apache Tomcat Application Servers.
* Experience in writing Maven pom.xml and Ant build.xml for build scripts.
* Executed user administration and maintenance tasks including creating users and groups.
* Utilized WAR and JAR files for deployment of enterprise apps.
* Provided assistance for management of AWS storage infrastructure systems.
* Managed Nexus Maven repositories to download the artifacts during the build.
* Created and maintained the Shell/Perl deployment scripts for Web Logic web application servers.
* Built Python apps that allowed developers to build proprietary solutions without requiring standard components.
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Developed, Maintained, and Distributed release notes for each scheduled release.
* Skilled to write, debug maintain scripts in Shell, Perl etc.
* Used Rally tool for tracking user stories and backlogs.
* Build artifacts are deployed into Tomcat instances which were integrated using the Perl and Shell scripts.
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Prepared JUnit test cases and executed server configurations.
* Supported and developed tools for Integration, Automated Testing and Release Management.
* Used Anthill Pro as Continuous Integration (CI) server.
* Responsible for User Management, Administration, Group Management, Slave Management, new job setup in Jenkins.

**Environment:** Red Hat Linux 5.0, SVN, GIT, ANT, Jenkins, Anthill Pro, Maven, Web Logic, Apache Tomcat, Shell, Perl, Puppet, Chef, Nexus, AWS, Ec2, Junit, Jira, Rally, Python, SQL.

**Digital Insight - Redwood City, CA Jan 2014 to Mar 2015**

**DevOps/Linux Administrator**

**Responsibilities:**

* Administration of RHEL 4.x/5.x/6.x and Solaris 9/10/11 includes installation, testing, tuning upgrading, patching and Troubleshooting day-to-day issues
* Configuring puppet master, agent and puppet DB for automation.
* Automation of configurations and management through Puppet
* Creating Amazon EC2 instances using command line calls and troubleshoot the most common problems with instances and monitor the health of Amazon EC2 instances and other AWS services
* Worked on taking regular backups for amazon cloud instances and setting up of environments for the application launching.
* Performed physical to virtual, Virtual to Virtual migration of servers to support the Data center migration project.
* Involved installing and managing different automation and monitoring tools on Redhat Linux like Zabbix and Nagios
* Worked with different types of manifests, to deploy Applications servers like Apache Tomcat, Webserver like Apache, configuring users, Sudoers persmissions, SSH and mount points creation.
* Installing, configuring and administering Jenkins Continuous Integration tool on Linux machines along with adding/updating plugins such as SVN, GIT, Maven, ANT, and Puppet.
* Researched and implemented an Agile work flow for continuous integration and testing of applications using Jenkins.
* Used PUPPET for automation of repetitive processes done in apache, user administration, file management and managing file and directory permissions in the different environments.
* Managed SSL certificates for web and the application servers.
* Used RHEL 5.x, 6.x Satellite servers for patching the servers in the environment.
* Supporting Java based applications like JBoss, WebLogic & WebSphere and involved in J2EE application deployment activities.
* Installed and configured SSH & SSL for secured access on Linux Systems.
* Implemented rapid provisioning and life cycle management for Redhat Linux using kickstart
* Wrote Shell scripts and Perl scripts for day-to-day Administration and create Perl scripts to automate the deployment.
* Creating, cloning Linux Virtual Machines, templates using VMware Virtual Client and migrating servers across ESX hosts
* Configuring server monitoring tool Zabbix and monitoring the server status.
* Worked on configuring NIS, NFS, DNS, DHCP, FTP, FSTP, Telnet and RAID levels
* Managing systems routine backup, scheduling jobs like disabling and enabling cron jobs, enabling system logging, network logging of servers for maintenance, performance tuning, testing
* Assisted in physically installing, racking and cabling new HP Blades and Cisco UCS 5108 Chassis environment.
* Performed weekly and on-call deployments of application codes onto different environments like DEV, QA, UAT and PROD

**Environment:** Linux (RHEL 5.x/6.x), Solaris 9/10/11, RedHat Satellite Server 5.x,/6.x, Puppet 3.x, Amazon EC2, Apache/ Web Server, Websphere Application Servers 7.x/8.x, Oracle 11g, Zabbix, Nagios 4.x, Jenkins, DNS, NFS, Shell Scripting, Perl Scripting.

**Comcast - Denver, CO Feb 2013 to Dec 2013**

**DevOps / Build & Release Engineer**

**Responsibilities:**

* Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Managed SVN repositories for branching, merging and tagging.
* Used Subversion as source code repositories.
* Worked on Nagios for monitoring the systems.
* Developed Shell/Perl Scripts for Automation purpose.
* Implemented multi-tier application provisioning in OpenStack cloud, integrating it with Chef/Puppet.
* Responsible for designing and deploying best SCM processes and procedures.
* Worked closely with Software Developers and DevOps to debug software and system problems.
* Created scripts in Python which integrated with Amazon API to control instance operations.
* Designing and implementing fully automated server build management, monitoring and deployment By Using Technologies like Chef.
* Developed build and deployment scripts using Ant and Maven as build tools in Jenkins to move from one environment to other environments.
* Deployed Puppet, Puppet dashboard for configuration management to existing infrastructure.
* Used Puppet to automate Configuration management.
* Used Puppet to manage Web Applications, Config Files, Data base, Commands, Users Mount Points, Packages.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Setting up continuous integration and formal builds using Bamboo with Artifactory repository.
* Resolved update, merge and password authentication issues in Bamboo and JIRA.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control.
* Developed PowerShell 2.0 scripting to work with TFS Object Model to utilize for more repeatable, automated processes and tasks.
* Analyze and resolve conflicts related to merging of source code for GIT.
* Implemented the setup for Master Slave Architecture to improve the Performance of Jenkins.
* Managing the code migration from TFS, CVS and Star team to Subversion repository.
* Used Jenkins for Continuous Integration and deployment into Tomcat application server.
* Deployed .NET applications to application servers in an Agile continuous integration environment and also automated the whole process.
* Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
* Supported and developed tools for Integration, Automated Testing and Release Management.
* Involved in Research of the project application architecture to support/resolve Build, Compile and Test issues/problems.

**Environment:** .NET, Windows, Ant, Maven, Nagios, Subversion, Chef, Puppet, PowerShell, ORM, Open Stack, Shell/Perl , Python, SCM, GIT, CVS, TFS, Jenkins, MS Build, Tomcat, Bamboo, Jira, Oracle.

**DevOps / Build & Release Engineer Mar 2011 to Feb 2013**

**Inventory Locator Service - Memphis, TN**

**Responsibilities:**

* 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 in Tomcat Admin Console.
* Participated in the release cycle of the product which involves environments like Development, QA, UAT and Production.
* Configured Jenkins for doing the build in all the non-production and production environments.
* Regular Build jobs are initiated using the Continuous Integration tool like Jenkins.
* Used Chef and other configuration management tools to deploy consistent infrastructure code across multiple environments.
* Created scripts in Python which integrated with Amazon API to control instance operations.
* Used Perforce Version Control System to manage source code.
* Performed Functional and Stress Testing for a few applications using Mercury Load Runner.
* Responsible for day to day Build and Deployments in pre-production and production environments.
* Involved in editing the existing Ant/Maven files in case of errors or changes in the project requirements.
* Written bash scripts to deploy the java based packages like ear and war on the Tomcat Application server.
* Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.
* Used Remedy Change Management and Bug Tracking to track the issues in all pre-production and production environments.
* Managed the Maven Repository using Nexus tool and used the same to share the snapshots and releases of internal projects.
* Worked extensively on CVS, Subversion as Version Control.
* Publishing the Release notes for all the releases.
* Coordinated with all the teams before and after the production deployments for the smooth production releases.
* Converted old builds using make to Ant and XML for doing Java build.
* Used Artifactory repository tool for maintaining the java based release code packages.
* Written Shell scripts to apply the Integration label to all the files which needs manual labeling of files.
* Provided the assistance for the smooth phase of Release for the Emergency and Expedite Releases by getting the Director Level Approval and coordinating with different teams.
* Created a complete release process doc, which explains all the steps involved in the release process.

**Environment:** Java/J2ee, Ant, Maven, Subversion, UNIX, SVN, Amazon Web Services, Chef, CVS, GIT, Remedy, Tomcat, Jenkins, Python, Ruby, PL SQL.

**Build and Release Engineer Apr 2009 to Feb 2011**

**Four - Soft Ltd - Hyderabad, India**

**Responsibilities:**

* Responsible for daily builds and deployments from Development through various testing environments.
* Performed day-to-day admin activities like creating and managing Build, deploy activities and improving the release process.
* Developed and maintained build and release documentation and baseline builds.
* Responsible to perform Build operations with ANT, Maven Scripts, while implementing the required modifications in the ANT Script to perform build operations, in accordance with requirements of the project.
* Developed build scripts using ANT, Maven as the build tool for the creation of the build artifacts like war or ear files.
* Managed branching and Merging in a multi-project environment.
* Coordinated with Project Managers, Developers and QA Analysts to ensure successful software build and deployment for test, staging and production environment.
* Coordinated configuration changes for multiple concurrent projects, including new systems, major releases and maintenance releases.
* Created and managed continuous integration process for builds and deployment using Hudson.
* Incident Management. Co-ordinate incidents requiring multi-vendor engagement, Drive effective and efficient Incident Management process to ensure timely service restoration and resolution of incidents.
* Implemented Release schedules, communicated the release status, created roll-out plans, and tracked the project milestones.

**Environment:** Java, SVN, Hudson, UNIX, Linux, Maven, Ant.