**JANAKIRAM DESHABOINA**

DevOps Engineer

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**Professional summary:**

Dedicated to optimization, experienced DevOps Engineer understands the melding of operations and development to quickly deliver code to customers. Has experience with the Cloud and monitoring processes.

**Accomplishments:**

* Around **4** yrs of experience in DevOps and Software Configuration management and applications.
* Experience in DevOps Engineer to understand the melding of operations and development to ensure quick delivery of projects to the clients.
* Having good knowledge in AWS and experience in implementing new AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, SNS, RDS, EBS, CloudWatch, cloudFormation, AWS Config, Autoscalling, CloudFront IAM, and S3.
* Experience in Git- Creating, Tagging, and Merging.
* Migrating a production infrastructure into an Amazon Web Services VPC.
* Experience in creating automated scripts using scripting languages such as Ruby and Python.
* Good Exposure of Agile development methodology in implementing of continuous Integration and Delivery (CI/CD) methodology.
* Automated complete Continuous Delivery pipeline, using CD tools (Chef, Puppet)
* Automate complete Continuous Integration using CI tool Jenkins including monitoring changes between releases.
* Working on POC with Microservices Cloud Deployments using Docker orchestration with Kubernates, logstash by using Ansible/chef configuration.
* Preparing and executing Release and Implementation plans for the product releases as per the release calendar.
* Expertise in applications deployment on Web and App Servers like Apache Tomcat/WebLogic application server.
* Exposure in products builds and release management, SDLC, Systems integration and Environments Management.

**Employment History:**

Working as a Junior DevOps Engineer in **Base Camp Technologies Limited** from Nov 2012 to till date.

**Technical Skills SKI**

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| Build Tools | **:** | **Maven, ANT** |
| Application Servers | **:** | **Web Logic, Apache Tomcat, Jboss** |
| Version Control Tool | **:** | **SVN, GIT** |
| Scripting Languages | **:** | **Shell Scripting, Bash, Ruby and Python** |
| Continuous integration tool | **:** | **Jenkins/Hudson** |
| Operating systems | **:** | **Windows 7 and Red Hat LINUX** |
| Cloud Environment | **:** | **AWS** |
| Infrastructure Automation | **:** | **Ansible/Chef** |
| Code Analysis/Coverage | **:** | **SonarQube, PMD** |
| Repository Management | **:** | **Nexsus Repository** |
| Monitoring Tool | **:** | **Nagios** |
| Programming Languages | **:** | **C, C++, Java** |
| Tracking Tool | **:** | **Jira** |

**Project Details:**

**Project 2.**

**Title** : AGFIRST Farm Credit Bank

Environment : Maven, Jenkins, Perl Scripting, Apache Http server, Tomcat, AWS

Duration : Jan 2015 - Till the date

Role : Junior DevOps Engineer

**Description:**

AgFirst Farm Credit Bank is part of a farmer-owned credit cooperative system. The Bank’s owners/customers are comprised of approximately 20 Agricultural Credit Associations (ACAs) and each of these ACAs and the Bank can have a share of a loan originated by either an ACA or the Bank. The Bank and each ACA is considered an AgFirst Legal Entity (LE).

For AgFirst the intent of the enhancements described in this Business Requirements Document (BRD) is to provide the ability to centrally manage customer data in a secured way, to create and update facility and loan information, and have that information automatically propagated to the participant’s portfolio. This information propagation, or “data mirroring,” is included in the Multi-Legal Entity (MLE) enhancement, which provides for new levels of data management automation for participation's between the Legal Entities.

**Responsibilities:**

* Creating the 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.
* Worked on Cloud automation using AWS Cloud Formation templates.
* Deploying EC2 instances, ELBs by using Cloud Formation in AWS Cloud infrastructure, managing S3 buckets and bucket policies.
* Managing Linux and Windows instances with Chef Configuration management tool and patching servers.
* Implemented Chef Cookbooks for OS component configuration to keep AWS server’s template minimal.
* Written Chef Cookbooks for various DB configurations to modularize and optimize end product configuration.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, and Auto scaling groups.
* Administered Jenkins for Developed and implemented Software Release Management strategies for various applications according to the agile process. Worked with different development teams and multiple simultaneous software releases.
* Worked with GIT to manage source code repositories and performed branching, merging, and tagging depending on requirement.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases. Continuous Integration and deployment into Apache Tomcat/Web Sphere Application Servers. Integrated builds with Code Quality Tools like Sonarqube, PMD and Findbugs.
* Developed Perl Scripts for automation purpose.
* Experienced in MAVEN to Build artifacts and deploy.
* Worked on Standardizing Build & Deployment method. Involved in creating new environments for testing purposes.
* Responsible for deploying best SCM processes and procedures.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Supported and developed tools for integration, automated testing and release management.
* Used Puppet for application automatic deployment and provisioning to different environments.
* Releasing code to testing regions or staging areas according to the schedule published.
* Used JIRA as tracking tool in this project.

**Project 1.**

**Name** : **Elite Bonusing Suite**

Environment : Subversion (SVN), Ant, Jenkins, Shell, JIRA, Java 1.6, MVC, Oracle 9i,

Apache Http server.

Duration : Dec 2012– Oct 2014.

Role : Build&Release Engineer.

**Project Description**

**Bally Elite Bonusing Suite** is the Bonusing applications provided to the casino to extend the user relationships by providing various promotions which helps to persist the customer with the casino. It is a complete suite of ten different applications. With this technology, casinos can retain their current players, attract new ones, and increase player value. Applications on the Elite Bonusing Suite automate the existing promotions and player loyalty programs. Also it enables to launch new floor-level interactive promotions that simply weren`t possible before. By turning every game into a robust communications device, now the players can be rewarded right at the machine as they play, announce a new promotion in split seconds, run a slot tournament with unprecedented ease, and literally personalize the messages to the most valuable players.

**Responsibilities:**

* Responsible for preparing and reviewing the Configuration Management Plan CMP to define the procedures for performing Configuration Management CM activities for various projects
* Responsible to writing ANT for different projects.
* Written shell scripts for automating the build procedure, Designed effective custom branching and merging strategies.
* Tracking daily support activities and working on improving the Productivity.
* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment
* Executed project under software release life cycle, setting up the Build Forge project for executing the builds. Responsible for tracking installation, configuring and ensuring successful installation
* Applying labels, creating new branches & Writing scripts for supporting development, creating knowledge base documents and ensuring periodic updates. Performing builds based on Release Management requirement
* Version control the necessary utility scripts created as part of build, release and deployment activities
* Responsible in creating branch from main for the development activity and Creating Build related documents
* Responsible for weekly builds, Daily builds, build & release management and deployment
* Integrating development branches.

**Education:**

* Completed Masterof **Computer Science** from Osmania University in 2010.

**Declaration:**

I am here by declaring the information provided above is true as per my knowledge and Experience.

Date :

Signature: **Janakiram Deshaboina**