**Mandadi Venkata SivaReddy**

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**Professional Summary:**

Experienced and dependable Build and Release Automation Engineer with extensive hands-on experience of 4 years on Version Control SCM Git/Git Hub, Continuous Integration tool Jenkins on Linux/Windows platform and set up Web servers like Nginx, Apache Tomcat, used Nginx as Load Balancer and provided Docker containers for Development, Testing and UAT. Can handle multiple projects simultaneously and can bring them to completion well ahead of project deadlines. Active team player, self-motivated, individual with good communication, interpersonal skills and fast learner and a good listener.

**Educational Qualifications:**

B.Tech (Electronics & Communication Engineering) May - 2015.

**Core Skills:**

* Well Experienced in Source Control Management – Git & Git Hub and handled User Creations, Access Permissions, Merge Conflicts, Source Code Execution from Branches etc.
* Configured/Integrated Jenkins with Git Hub to add, commit, push code to various branches and set up Jenkins for auto polling and also used web hooks.
* Day to day management/monitoring/trouble shooting of applications using Git Hub, Jenkins, Docker in Dev, QA and Prod environments.
* Actively involved in the development of design documentation of Continuous Integration and Continuous Deployment of the project.
* Experienced in configuration management of Java applications using Chef.
* Installation, Configuration and Administration of tools such as Git, Jenkins, Docker, Chef, Nginx, Tomcat etc.
* Worked extensively on Docker in building images, pushing Docker Images private repo and setting up of scalability in Docker containerization.
* Developed Chef recipes/cookbooks to automate installation of DB Servers and Users.
* Configuring individual servers for different environments.

**Contribution as Senior DevOps Build & Release Engineer:**

* Administers GIT and GITHUB SCM tool daily and Modifies & Monitors software lifecycle process flow, user permissions, accesses in response to user requests while ensuring database integrity.
* Creates and runs automated daily build to discover newly produced bugs earlier and ensures there is build and pre-deployment to pre-production every day.
* Setup the Jenkins server with complete Maven build jobs providing a continuous, automated scheduled QA build environment based on multiple GIT repositories for deployments.
* Works with development team on enforcing source control strategies, building, packaging and deployment of products.
* Works with Development, Operations, Quality Assurance and Project Management to define and executes projects build, release and deployment of web software using Nginx, Apache/Tomcat with multiple instances and Nginx as a load balancer.
* Develops an automated, continuous, build process that reviews the source code, identifies build errors and notifies appropriate contributors to expedite/facilitate synchronization to the latest build.
* Creates YAML scripts that automate or improve the builds for all client side platforms –Linux, Windows, and Mac using Docker Containers, among other tools.
* Communicates releases related activities to all the stakeholders and take their feedback to improve the process.
* Debugs build failures, coordinates with developers and testers to resolve related issues.
* Manages branching, merging, tagging and other source control tasks in Git.
* Created processes to build and release one product with different OSs, and reduced building time for each release.
* Performed all builds on time per schedule and resolved any build and compile issues within allotted time. Developed an effective build automation, continuous integration and test environment that reduced integration issues and improved code quality.
* Acted as primary role in triage of any build, deployment and testing errors or failures.

**Technical Competency:**

* Operating Systems : Linux (Ubuntu, SUSE), Windows 7 & 10
* Source Code Management tool : Git/Git Hub, SVN (Experienced)
* Configuration Management Tools : Chef , Ansible (Trained)
* Continuous Integration Tool : Jenkins (Experienced)
* Containerization & Micro-services : Docker (Experienced)
* Application/Web Servers : Tomcat, Apache, Nginx
* Production Monitoring Tool : Zabbix, Newrelic
* Programming Languages/Scripts : Bash Shell Scripts
* IDEs/Editors : Vim, Nano, gEdit
* Office Tools : MS-Office (Word, Excel, Power Point)

**Career Profile:**

**Project#: CRM**

**Company: Infosys Limited**

**Duration: Mar- 2019 (current running)**

**Technology & Tools: Linux, Git, Jenkins, Docker, Nginx, Tomcat, Maven, JDK, Shell**

 **Scripting, Eclipse**

**Description:**

CRM system which brings in Customer's complete history along with a list of deals, emails, notes and appointments and real time notifications when the customers perform a significant activity like visiting company's website or a click on the email. The system is presently in pre-production servers and is going to be launched in cloud but it is still a web based application. This CRM application can integrate into other marketing software and includes Lead Management, Pipeline Management, Automation of workflows from Negotiation to Won, Built-in phone, Email and Report Generation modules.

**My Responsibilities:**

* Developed an automated, continuous, build process that reviews the source code, identifies build errors and notifies appropriate parties to expedite/facilitate synchronization to the latest build.
* Improved productivity by designing & developing full-featured build systems; implementing tools and scripts that enable efficient, flexible builds through Jenkins.
* Developed an efficient pre-deployment process for web deployments using Git Hub, Jenkins and Docker.
* Working with Development, Operations, Quality Assurance and Project Management to execute projects that implement build, release and deployment of web software.
* Experience in administrating tools/servers - Git Hub, Jenkins, Docker, Chef, Eclipse, Maven, Tomcat, Nginx etc
* Responds constantly and aggressively to automated test and build issues and Interacts with release engineering and QE to debug and also resolve identified issues and resolves technical issues with development and real time fixes.

Project: Online Banking Software

**Company: Tata Consultancy Services**

**Tools:** Git, Apache Tomcat, Maven, Eclipse, Jenkins, Docker.

**Duration:** From April 2017 to Feb- 2019

**Project Description:**

Online Banking software is an integrated module with entire portfolio with banking platform. This software offers retail functionality - Bill Payment, Checking, Savings, line of credit etc. It also enables web access to a customer's investments, term deposits, loans, mortgages and leases. Customers will be able to see all their assets and liabilities at once. It has ability to monitor the velocity of transactions and report any suspicious patterns. It enables consumers to report a stolen card any time of the day or night, using web browser. Consumers gets exposed to new products or campaigns as they conduct their regular banking activities.

**Declaration**

I solemnly do hereby declare that all statements made herein are true to the best of my knowledge.

(**Mandadi Venkata SivaReddy**)