**Naveen Reddy**

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**PROFESSIONAL SUMMARY:**

* Over 6+ years of experience as a **DevOps/build and release engineer** in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.
* Experience in Administration/Maintenance of source control management systems, such as code,manage,collaborate**(Bit bucket), GIT** and SVN
* Knowledge on **Docker hub,Docker Images**
* Have knowledge on partition of **Kafka** messages and setting up the replication factors in Kafka Cluster.
* Managed **Docker orchestration and Docker containerization** using **Kubernetes.**
* Hands on Experience in **AWS WEBSERVICE** .Services Like EC2,EBS,VPC,IAM,S3 & RDS
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Hands on Experience on Deployment and implementation of **Chef** for infrastructure as code initiative
* Extensive experience using **MAVEN** and **ANT** as build tools for the building of deployable artifacts (jar, war & ear) from source code.
* Experience in Bug/Issue tracking tool like **Bugzilla**, **JIRA**.
* In-depth knowledge of computer applications and scripting like **Shell, JavaScript** and **XML**.
* Hands on experience with **Junit,** and **Shell scripting**.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile, Scrum, and Waterfall** methodologies.
* Experience in Container management using **Docker** by writing Docker files and set up the automated build on Docker HUB and installing and configuring **Kubernetes**
* Experience in Continuous Integration and Continuous deployment using various CI Tools like **Jenkins**
* Experience of working with the release and deployment in **Java/J2EE** Web applications environment.
* Knowledge of using Routed Protocols: FTP, SFTP, SSH, HTTP, HTTPS and Connect direct.
* Expert in deploying the code through web application servers like **Httpd/ Apache Tomcat**
* Solid understanding of networking concepts and conceptual understanding of protocols.
* Experienced in deploying Database Changes to **MS SQL Server** and **MY SQL databases.**
* Knowledge of databases like **MySQL, Postgresql**
* Effectively configured **MySQL Replication** as part of HA solution.
* Effectively configured **Alfresco & Pentaho** as part of HA solution
* Experience with Rational Tools like Rational Clear Case for **Version Control, Rational Clear Quest for Change Request and Defect Management**.
* Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GIT, Subversion (SVN) and TFS on Linux and **windows platforms.**
* Experience in software methodologies like **Waterfall model, Agile Methodology, RAD, Scrum, XP, and TDD**. Successful in working with teams for high quality deliverables.
* Extensive work experience on **Apache Web server** and **Tomcat Application server**.
* Hands on experience on Virtual Hosting with **Apache httpd server** using **Multiple Tomcat Clustering** and **wildfly node level clustering.**
* Hands-on experience creating and managing the various development and build platforms, and deployment strategies.
* Good interaction with developers, managers, and team members to coordinated job tasks and strong commitment to work.
* Excellent communicative, interpersonal and leadership skills with ability to work efficiently in both independent and team work environments.

**EDUCATION:**

Graduation Computer science Engineering with an aggregate of 70.% in year of 2010 to 2014 from JNTU Engineering College, Anathapur.

**TECHNICAL SKILLS:**

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| **Versioning Tools** | BITBUCKET, GIT & SVN |
| **AWS** | EC2, S3, EBS, Cloud Watch, Auto Scaling, RDS, ELB, AMI & VPC |
| **Cl Tools** | Jenkins, Chef, Puppet. Atlassian |
| **Containers** | Kuberentes and Docker |
| **Build Tools** | ANT, MAVEN, Nexus |
| **Operating System** | LINUX (RHEL), UNIX, Ubuntu, Windows 2003/2008/2012. |
| **Bug Tracking & Testing Tools** | JIRA,Bugzilla & Junit |
| **Tools** | MS Office Suite, Nexus, Confluence, Atlassian & |
| **SDLC** | Agile, Scrum Waterfall Methodologies,kafka & zookeeper |
| **Languages** | C, C++, SQL, .NET, Python, Java/J2EE. |
| **Scripts** | Shell Script, ANT Script, Batch Script, |
| **Web Technologies** | Servlets, JDBC, JSP, HTML, Java Script, XML. |
| **Web/App servers** | Apache Tomcat, JBOSS, Glassfish & Wildfly 10 |
| **RDBMS** | SQL SERVER, MY SQL & Postgresql |

**PROFESSIONAL EXPERIENCE:**

**ITC INFOTECH PRIVATE LIMITED Aug 2017 to till**

**Role: DevOps Engineer/Release Engineer**

**Client: CERTENT,USA**

**Responsibilities:**

* Maintained and administered **SVN source code** tool.
* Closely worked with **Kafka** Admin team to set up Kafka cluster setup on the QA and Production environments
* Implemented to reprocess the failure messages in **Kafka** using offset id.
* Building/Maintaining **Docker** container clusters managed by **Kubernetes Linux, Bash, SVN** , **Docker**
* Designing and developing new back-end services, maintaining and expanding our VPN **Services** infrastructure, and providing mentorship to others on my team.
* Implemented & maintained the branching and **build/release** strategies utilizing **SVN** .
* Developed processes, tools, automation for **Jenkins** based software for build system and delivering SW Builds.
* Utilized **Kubernetes** for the runtime environment of the **CI/CD** system to build, test deploy.
* Delivered specific versions of various components of an application into target environments.
* Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
* Constructed/Architected a **Continuous Integration** CI Server and Implemented Build/Deploy automation Server utilizing CI Technologies like **Jenkin**
* Modeled the structure for multi-tiered applications to deploy each tier.
* Have used **Confluence** to create, share and discuss content and projects.
* Familiar and experienced with **Agile SCRUM** development.
* Proposed and implemented branching strategy suitable for agile development in **VISUAL SVN**.
* Installed and configured **Jenkins** for Automating Deployments and providing automation solution.
* Integrated **SVN** into **Jenkins** to automate the code check-out process.
* Knowledge of concepts in **code lines**, **branching**, **merging**, **integration**, **versioning** etc.
* Worked with customers, developers, testing, product management and support staff.
* Actively participated in the automation effort. Wrote security & web architecture provisioning scripts for Opscode **Chef**.
* Designed and Build deployments on **Docker containers**
* Installed **Docker Registry** for local upload and download of docker images and even from docker hub.
* Worked on **Docker-Compose** and **Docker-Machine**.
* In-depth understanding of large complex software systems to isolate defects, reproduce defects, assess risk and understand varied customer deployments.
* Responsible for design and maintenance of the **SVN** Repositories, views, and the access control strategies.
* Experienced in Installing, Upgrading, Patching, Configuring and Administrating **Red Hat Linux**.
* Configured networking services such as DNS, SSH, DHCP and printer services in **Red Hat Linux servers**.
* Performed **RPM** and **YUM** package installations, patch and other server management.

**Environment:** SVN,Java, , MAVEN, , Linux 5.x/6.x/7.x, XML, JBOSS, wildfly, Scripts, Shell scripts, VPN, Jenkins, , BASH & KORN Shell, Apache Tomcat .

**Client: SWA CARGO AIRLINES Jan 2015 to Feb 2017**

**Role: Dev-Ops/Build and Release Engineer**

**Responsibilities:**

* Maintained and administered **GIT source code** tool.
* Created Branches, Labels and performed Merges in **GIT**.
* Designing and developing new back-end services, maintaining and expanding our **Amazon Web Services** infrastructure, and providing mentorship to others on my team.
* Implemented & maintained the branching and **build/release** strategies utilizing **GIT** and **STASH**.
* Developed processes, tools, automation for **Jenkins** based software for build system and delivering SW Builds.
* Using **Kubernets** automating deployments in production & UAT server.
* kops is the easiest way to get a production-grade **Kubernetes** cluster up and running in EC2
* Managed build results in **Jenkins** and deployed using workflows.
* Delivered specific versions of various components of an application into target environments.
* Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
* Actively participated in the automation effort. Wrote security & web architecture provisioning scripts for Opscode **puppet**.
* Used **Kubernetes** to deploy scale, load balance, and manage Docker containers with multiple namespace versions
* Installed and administered **Docker**.Wrote **Docker** images for **Nexus** and various.
* Constructed/Architected a **Continuous Integration** CI Server and Implemented Build/Deploy automation Server utilizing CI Technologies like **Jenkins/Hudson**
* Deployment and implementation of **Puppet** for infrastructure as code initiative.
* Designed andBuild deployments on **Docker containers**.
* Developed and managed delivery pipeline and prioritized functioning period and quick server response time.
* Installed **Docker Registry** for local upload and download of docker images and even from docker hub.
* Worked on **Docker-Compose**
* Working with Terraform to create **AWS** components like **EC2, IAM, VPC, ELB**, Security groups
* Modeled the structure for multi-tiered applications to deploy each tier.
* Have used **Confluence** to create, share and discuss content and projects.
* Familiar and experienced with **Agile SCRUM** development.
* Proposed and implemented branching strategy suitable for agile development in **BitBucket**.
* Created **Branches**, and performed Merges in **Source Tree**&**Stash**.
* Installed and configured **Jenkins** for Automating Deployments and providing automation solution.
* Integrated **GIT** into **Jenkins** to automate the code check-out process.
* Knowledge of concepts in **code lines**, **branching**, **merging**, **integration**, **versioning** etc.
* Worked with customers, developers, testing, product management and support staff.
* In-depth understanding of large complex software systems to isolate defects, reproduce defects, assess risk and understand varied customer deployments.
* Responsible for design and maintenance of the **GIT** Repositories, views, and the access control strategies.
* Worked with **Atlassian** tools like **Jira.**
* Experienced in Installing, Upgrading, Patching, Configuring and Administrating **Red Hat Linux**.
* Installed and administered **Atlassian** tools like **Jira, Confluence** and **Stash**.
* Created automation and deployment templates for relational and **NoSQL** databases(standalone and RDS), including **MySQL**
* Used **PowerShell** for DevOps in **Windows-based systems.**
* Configured networking services such as DNS, SSH, DHCP and printer services in **Red Hat Linux servers**.
* Performed **RPM** and **YUM** package installations, patch and other server management.
* Created work flows in **Jira** to manage the changes from development till Production.
* Hands on experience on **JIRA** for creating bug tickets, workflows, pulling reports from dashboard, creating and planning sprints.
* Designed and Developed **Jenkins** build deployments.
* Used Shell scripts to automate the deployment process.
* Wrote **Docker** images for **Bamboo**, **Nexus** and various.Worked on infrastructure with **Docker** containerization.
* Worked on maintaining **Docker** Images and containers. Worked with **Docker** for convenient environment setup for development and testing.
* Installed **Docker Registry** for local upload and download of docker images and even from docker hub.
* Involved in editing the existing **ANT/MAVEN** files in case of errors or changes in the project environments.
* Installed and configured **GIT** and **GITHUB**. Implemented pre and post hooks in **GIT**.
* Implemented and maintained the branching and build/release strategies utilizing **GIT**.
* Configured and monitored multiple servers using **Puppet Master**. Defined Puppet agent and Workstation to manage and configure nodes.
* Used **JIRA** for change control and ticketing.
* Designed and developed the tools to allow efficient configuration management, build and release of software developed in **J2EE**, **XML** and **MYSQL**databases.
* Deployed the **build artifacts** into environments like **QA, UAT** and production according to the build life cycle.
* Automated the build and release management process including monitoring changes between releases.
* Documented the entire build and release process and provided support.
* Developed, maintained and distributed release notes for each scheduled release.
* Provided periodic feedback of status and scheduling issues to the management.
* Kept track of all releases and request of the developers through infrastructure management tool.
* Experience with CI tools (**Jenkins, Hudson**) and Version Control Tools or Source Code Management tool (**GIT**).
* Good understanding of building the Android Applications using the Maven and Jenkins.
* Building post install scripts using Shell scripting in Linux servers.
* Strong skills in managing **Red Hat** Linux servers, Virtualization, and system security.
* Experience with **Apache/Tomcat**, Load Balancer and expertise in making configuration changes.

**Environment:** Bit bucket, GIT, Shell scripts, MAVEN, Jenkins, Nexus Maven, LINUX, UNIX, Windows XP, Java, J2EE.

**Naveen Reddy**