K R Narendra Reddy

Email:krnarendra1503@gmail.com

Mobile: +91-8884987371

**Career Objective**

To place myself in a well-developed organization where I can apply my functional and technical expertise, innovative thinking and hardworking capability to become a dedicated IT professional

**Professional Summary**

* Around 4 years direct work experience in **DevOps, Systems Administration** and sound experience in **Shell scripting,** andConfiguration Management Tool **Ansible.**
* Comfortable in working mixed technology environment (Windows and Linux)
* Worked on Administration, maintenance and support of **Red Hat Enterprise Linux (RHEL)** servers.
* Having experience with version control tools **GIT** and Linux **skills**, including **shell** scripting.
* Worked on **SVN, GIT**, administration tasks like providing access privileges to developers creating and maintaining the repositories in **SVN, GIT**.
* Highly proficient in administrating **SVN, GIT**, Perforce for Configuration Management tool on multiple Platforms.
* Experience in implementing **Continuous Integration** and deployment using various **CI Tools** like **Jenkins** configuration management tools like **Ansible and** cloud computing tools like **Docker.**
* Performed branch & tag creations, merging, backup, access control and migrations in **SVN, GIT**
* Strong experience with build tools like **Ant, Maven**
* Handling all the releases such as maintenance release, emergency release, patch deployments, and launch of new projects.
* Experience on troubleshoot operational and production issues in a timely-manner
* Assisting developers by taking care of **configuration** items.
* Experiencing in problem solving and troubleshooting for the assigned applications, functional and Technical areas or projects
* Managed version controls like Git, Subversion for teams over 500 developers with the responsibilities of installation, book keeping, enforcing policies, maintaining projects/repositories, users/user-groups, branching/snapshots/releases
* Experience in maintaining application servers like **Apache Tomcat etc**.
* Experience on  **Jenkins** for continuous integration and for End to End automation Build Deployments..
* Hosting and maintaining **GitLab, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining **Jenkins build and Delivery pipeline** .
* Develop and understanding of project **CI/CD Pipelines** to automate End to End process
* Build, operationalize, and maintain **CI/CD** solutions for our technology customers
* Knowledgeable in Amazon Web Services, **Dockers** and VMware.
* Making changes in puppet **configuration file** for the agent to communicate with the master server
* Capable of working independently and as well as a part of a team.

**Work Experience:**

* Currently working in CGI Info systems Pvt Ltd (Permanent), as DevOps Engineer/System Engineer.
* Previously worked in IBM Network solutions Pvt Ltd (permanent), as System Administrator.

**Education Details:**

* MTech in computer science engineering from JNTU Hyderabad.

**Skill Set**

* Operating System : Unix/Linux, Windows.
* Languages : Java
* Version Control : GIT
* Build Tool : ANT, Maven
* CI Tool : Jenkins
* SCM Tool : Ansible
* Containerization tool : Docker
* Cloud Provider : AWS
* Application Servers : Apache Tomcat, boss
* Scripting Languages : Shell
* Database : SQL
* Web Servers : Apache
* Ticketing Tool : Jira

**Project Profile:**

* **Project Name**  : **BELL**
* Duration : Sep 2016 To Till date
* Client : Bell
* Programming Language : JAVA
* Environment tools : GIT, MAVEN, Jenkins, Ansible, Docker, Splunk, Jira, , Red Hat Linux, apache Tomcat
* Operating System : Linux, Windows
* Role : DevOps Engineer

**Roles & Responsibilities:**

* Customize deployment process using **Linux shell** to automate the overall deployments
* Managing and Administrating **Jenkins**  tool includes creating Project AD groups and Access

Permissions and setting up Permissions

* Installation and Troubleshooting **jenkins** related problems
* Setting up **DNS** for the puppet server and Configuring the server and agent under hosts.
* Making changes in puppet **configuration file** for the agent to communicate with the master server.
* Troubleshooting on retrieving the **SSL certificate** when puppet agent calls the puppet master and getting the SSL certificate created on the server.
* Build, maintain, and support enterprise production systems with a business mindset, keeping an eye towards simplicity, reliability, maintainability, scalability, extensibility, performance, and minimum downstime
* Hosting and maintaining **GitLab, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining **Jenkins build and Delivery pipeline** .
* Develop and understanding of project **CI/CD Pipelines** to automate End to End process
* Downloaded **repositories** (**epel-release**) for the puppet server and agent to be installed.
* Creating resources and calling those resources.
* Creating **Ansible modules** for the application to be installed, packaged, starting the services and so forth.
* **Testing** the modules that are created.
* Installing the application by creating **component stacks** in **compass** for running the multiple applications into the puppet mater and finally calling puppet agent to deploy the application.
* Coordinating with developers and testers for Build and deploy Related **issues**
* Supporting Onsite deployment at onsite from off-shore
* Automate the build process using **Jenkins** and **Maven**.
* Developing and maintaining build files by using **Maven**
* Responsible for creating the new projects & new build setup using **Jenkins**
* Responsible for the deployment on Linux for **Dev**, **QA**, **UAT**, **Beta**, **productions** environment
* Deploying the Ears, JAVA Wars and Jars appropriately and setting up the **ApacheTomcat, WebSphere** instances
* Trouble shooting and resolved issues in **DEV**, QA, Test, UAT, PRODEnvironments.

**Project Name** **: IBM Network Solutions**

* Duration : August 2014 To Sep 2016
* Client : Katerra Home Automation
* Environment : GIT, ANT, Jenkins, Red Hat Linux
* Application Server : Apache Tomcat
* Operating System : Linux
* Role : Build Release Engineer

**Roles & Responsibilities:**

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| * Design and develop Continuous Integration and continuous deployments with tools like |
| GIT, Maven, Jenkins, Ansible. |
| * Installed, configured and Administrated of all UNIX/LINUX servers on Amazon Web |
| * Deployed and monitored scalable infrastructure on Amazon web services (**AWS**) & |
| Configuration management using **Ansible**. |
| * Writing **Playbooks** to manage configurations and automate installation process for web |
| Servers and application server in AWSinstances. |
| * Worked on Amazon Web Services, creating & configuration of **EC2** instances, virtual |
| machines to configure with the elastic IPs, worked on security groups to resolve firewall |
| Issues. Good understanding on creating Images for EC2 instances. |
| * Managing the storage using Elastic Block Storage, **S3**, creation of volumes and snapshot |
| Configuration. |
| * Coordinate with Development, QA, and System/Infrastructure teams to ensure continuous |
| Operation of build and deployment systems. |
| * Supported project teams in a Continuous Integration and Continuous deployments |
| Environment with **Jenkins**. Perform Maintenance and troubleshoot the CI/CD systems. |
| * Helped developers with version control system tasks such as branching, merging, and |
| Cherry-pick changes. Worked on **SCM** tools like Git, Git Hub. Perform maintenance and |
| Upgrade Continuous Integration Systems. |
| * Experience in setting up the **pipeline** and **multibranch** pipeline process in **Jenkins** |
| And helping the team for release candidate builds. |