**V S Narayana Swamy Borra**

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**Professional summary**

* Overall **5**+ years of experience in DevOps, Unix Administration, Build & Release management.
* Strong Analytical skills of SDLC and Software Test Life Cycle.
* Experienced in creating and managing Public and Private Repositories using GIT and GITHUB.
* Experienced in AWS components such as EC2, VPC, S3, EBS, Security Groups, Auto scaling, Load Balancer.
* Experienced in working on creating Docker images & handling multiple images for middleware installations.
* Configured and Maintained high availability of Docker images by using Swarm
* Automated different types of Backups, Jobs and Spinning AWS instances by using Configuration tools Ansible
* Expertise in configuration of Jenkins on Linux OS with master and slave setup to implement multiple parallel builds.
* Expertise in Simplifying Job creation and execution by using CI/CD tools.
* Extensive knowledge in Automate the Admin tasks using SHELL
* Experienced in Installing Firmware Upgrades, kernel patches, performance tuning on Linux systems instances
* Hands on experience in using version control tools like **Subversion (SVN), GIT**
* Experience in Writing SQL queries to validate data integrity which flow into DB
* Developed PO Cs on web application deployment using **Ansible** & **Jenkins/CD Pipeline script**

**Qualification**

* Master of Science from Acharya Nagarjuna University, Nagarjuna Nagar-2008.
* Bachelor of Science from B.R.R& G.K.R Chambers Degree College, Andhra university-2006.

**Professional Summary**

* Working as a **DevOps Engineer** in **Accenture,** Bangalore from **September 2018** to till date.
* Worked as **Linux Administrator** at **Applied Materials**, Bangalore **January 2017** to **August 2018**.

**Skill Summary**

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| --- | --- |
| CI Tools | Jenkins |
| Cloud Technologies | AWS(Amazon Web Services) |
| Scripting Languages | Bash Shell script |
| Containers Tools | Docker. |
| Environment Orchestration Tool | Ansible |
| Artifactory | JFrog |
| Monitoring Tools | Nagios, Splunk, ELK,Appdynamics,New Relic |
| Databases | DynamoDb,MySQL |
| Web Technologies | XML, JSON |
| Web / Application Servers | Apache Tomcat ,httpd and JBOSS |
| Version control systems Subversion | SVN, GIT |
| Build Automation Tool | Maven, Ant |
| Ticketing Tool | SNOW,JIRA |
| SDLC Methodologies | Agile (Scrum) |
| Platforms | Windows, Linux |
|  |  |
| Venerability Scanner tool | Tenable |
| AWS Cost optimization tool | Cloud-ability |

**Project #3:**

Client Name : Net-Spi

Role : DevOps Engineer

Duration : December 2019 to till date

* Developed and implementing Software Release Management strategies for various applications according to the agile process.
* Analyzing the E2E requirements and provide the low level design.
* Working with Maven to create artifacts from source code & deploy them in Jfrog repository to manage builds dependencies.
* Responsible for Continuous Integration & Continuous Delivery process using Jenkins along with Shell scripts.
* Working with Git tags and releases to build and deploy new Docker containers as per the requirement.
* Creating CI pipelines in Jenkins server using groovy scripts.
* Implementing quality release of Applications and solutions for Delivery Manager.
* Implementing branching strategies by following git default workflow.
* Creating sonar reports for different non-prod environments to ensure quality of the software released to higher environments.
* Working with Docker tool for convenient environment to setup the test environments.
* Troubleshooting of build errors in Jenkins for safe build and deployments.
* Responsible for nightly, release build & deploy those to different environments such as QA/Pre-Production/Production Environment.
* Managed hosted Zone and domain name service using **Route53**
* Creating Cloud Watch alerts for instances which are used in Auto Scaling launch configurations .Used monitoring services like Cloud Watch to monitor the CPU utilization

**Project #2:**

Client Name : Charter Communications

Role : DevOps Engineer

Duration : September 2018 to Nov 2019

* Responsible for L3 level UNIX administration tasks like escalations and architecture designs.
* Experienced in Snapshots and resizing the root volume for the EC2 instances.
* Configured and Managed different types of AWS components like EC2, VPC, Auto Scaling, ELB.
* Deployed Instances and Services on AWS Cloud using Configuration Management tool Ansible.
* Responsible in Managing AWS Subscriptions and IAM “Identity and Access Management”.
* Wrote Ansible playbooks/roles to manage the configuration on different environments.
* Deployed Docker Engines in Virtualized Platforms for containerization of multiple applications.
* Configured monitoring tools like Appdynamics & AWS Cloud watch to monitor metrics like Network, RAM & CPU utilization.
* Deployed and configured GIT repositories with branching, tagging, merge requests, and notifications.
* Automated the backup/project builds jobs using shell script in Jenkins.
* Used to Monitor Jenkins builds, diagnose the build failures and work with the concern engineers to debug the issue.
* Assisted different teams in all phases of builds.
* Integration of **JFrog to Jenkins** to push builds to repository whenever the build is successful
* Integrated **Web hooks to Jenkins** to automate the code checkout process
* Integrated SonarQube with Jenkins for continuous inspection of code quality

**Project #1:**

Client Name : Applied Materials

Role : Linux Admin

Duration : Januay 2017 to August 2018

* Responsible for Installation, Configuration and Maintenance of Red hat Linux servers on VMware
* Involved in Installation, Configuration of VMware Converter Enterprise Server for Remote Conversion of Physical Servers.
* Responsible for File System administration by using LVM and VXVM.
* Automated the regular tasks like Backups, archiving older files by using shell script.
* Scheduled jobs like backups and regular admin tasks by using cron and at tools.
* Involved in Problem diagnosis and troubleshooting of Linux Servers like boot time and performance issues.
* Configured and maintained File sharing services such as SFTP, FTP.
* Responsible in maintaining server’s up to date w.r.t new patch releases.

(V S Narayana Swamy Borra)