Satish Yallaturi

DevOps Engineer

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**Professional Summary:**

* Over 3.8 Years of Experience in Information Technology includes Systems Administration, DevOps management and production deployments which include Packaging, Deploying and Application Configurations.
* Skilled at Software Development Life Cycle and involved in agile methodology throughout the project. Involved in weekly and daily bases release management.
* Hands on experience in AWS provisioning and good knowledge of **AWS Services** like **EC2, S3, Glacier, ELB, RDS, IAM, Route 53, VPC, Auto scaling, Cloud Watch, Security Groups.**
* Experience with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies using Jenkins and AWS Code Pipelines.
* Worked with **GIT** source code tool and ensured the reliability of the application as well as designed the branching strategies for **GIT**.
* Integrated **Jenkins** CI with **GIT** version control and implemented continuous build based on check-in for various cross functional applications and created **GitHub** Webhooks to setup triggers for commit, push, merge and pull request events.
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Deployed applications using **Jenkins** server and Troubleshoot build & release job failures, resolve, work with developers on resolution.
* Experience in working on tools like **SonarQube** to check the quality of the code and **Nexus**to save the builds.
* Experience with Configuration Management automation tool Ansible and has worked on integrating **Ansible YAML Scripts**. Used **Ansible** for configuring and managing multi-node configuration management over SSH.
* Created **Docker** images using a **Docker** file, worked on **Docker** container snapshots, removing images and managing **Docker** volumes.
* Involved in deploying the code onto web application servers like**Nginx/ Apache Tomcat.**
* Worked with JIRA for Issue Tracking, monitoring and prioritize issues.
* Worked on installing Kubernetes with Automation using Kubespray
* Worked on Kubernetes installation and application deployment in a container using full automated CI/CD pipeline
* Worked on **AKS** deployment with Azure Devops **CI/CD** pipelines for Load Balancing solutions.

**Technical Skills:**

**Client Operating System** **:** Windows XP,7,8,8.1,10.

**Server Operating system :** Windows 2008 Server & R2, 2012 Server & R2, Linux.

**System Administration :** Windows & Linux.

**Cloud Technology :** Amazon Web Services(AWS).

**Version Control Systems :** Subversion (SVN), Git/Git Hub.

**Configuration Management Tools :** Ansible.

**Build tools :** Maven.

**CI/CD Tools :** Jenkins.

**Scripting Languages :** Shell ,Python 3.

**Database :** Oracle 10g,11g and MySQL.

**Virtualization :** VM VirtualBox, VMWare

**Monitoring Tool :** Cloudwatch, Nagios.

**Cloud Automation :** Terraform & Cloudformation.

**Container Tools :** Docker & Kubernetes.

**Additional skills :** MS Office.

**Professional Experience:**

**Company: xxxxxxxxxxxxxx Technologies Private Limited**

**Role: DevOps Engineer. May xxxx- Till Now**

* Extensive experience in strategy and practical implementation of AWS Cloud services which include EC2, EBS, S3, Glacier, Storage Gateway, VPC, Route 53, RDS, ELB, Cloudwatch and also worked in migrating a production infrastructure into an Amazon Web Services utilizing AWS Cloud formation, Ansible, EBS and OpsWorks.
* Creating and Implementing branching and merging strategy with multiple branches and used Git and Bitbucket as source code management repository to keep track of version changes.
* Handle multiple builds from Development team, create build jobs in Jenkins and perform deployment activities.
* Deploying the JAR/ WAR files in Tomcat app server and Verify Deployment logs to check for successful deployments.
* Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the Dev team.
* Handling complete Build and Release management process including code, document and supporting testing team.
* Deployment of All Software to Production and UAT environments. Oversee the group responsible for deployment of software to QA/Dev environments.
* Worked with Ansible for Orchestration of Deployments for various servers and managed Ansible Playbooks with Ansible modules, implemented CD automation using Ansible, also involved in managing existing Tomcat Webserver and automated the configuration of new servers.
* Configured password less SSH connection between nodes to run the ansible playbooks. Managed the inventory file in Ansible.
* Artfully develop complete chef development environment via PowerShell for corporate wide rollout. Script includes all SDK’s, GIT versions, Berkshelf, vagrant, gems and supporting VM environments required for a fully functional development platform.
* Established Chef Best practices approaches to systems deployment with tools like Vagrant and test-kitchen and managing Chef Cookbook as a unit of software deployment and independently version controlled.
* Experienced using different log monitoring tools like Grafana, ELK (Elasticsearch, Log Stash, and Kibana) to see logs information. Monitor & get the health & security notifications from nodes. Created monitors, alarms & notifications for EC2 hosts using Cloudwatch.
* Scheduled various regular and periodic tasks by using crontab.
* Experience with building and supporting API services.
* Involved in Manual, Blue Green Deployment and Capistrano Deployments. Updating the config file.

**Environment:** Agile Methodology, Git, Github, Bit Bucket, AWS (VPC, EC2, S3, RDS, IAM, EBS, Route53, Cloudwatch, Security Groups, Auto Scaling and ELK etc.), TICK, VSTS, Grafana, My SQL, Ansible.

**Academic Credentials:**

* B.Tech (Computer Science & Engineering) from xxxxxxxxx xxxxxxxxxx.
* Diploma(Diploma in Computer Engineering) from State Board of Technical Education.
* S.S.C from Board of Secondary Education.