**Santosh Goud E**

**Devops Engineer with 4.7 yr of Experience Email:** **santoshegoud@gmail.com**

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**Summary:**

Software Integrator and Devops engineer with 4.7 years of experience in designing the CI/CD process including software management, development cycles, compilers, server configurations, scripting, installers, and managing Release cycles, under a variety of technologies.

**Profile:**

* Developing, Implementing & supporting CI/CD pipelines at scale with Jenkins, maven build tool.
* Experience of managing version control system Git,Scm like github.
* Extensive experience in using Build Automation DevOps tools like Maven.
* Experience on SonarQube for Code Quality Management Tool.
* Experience in using Nexus, Jfrog Repository Manager for Maven builds.
* Experience of containerization applications in docker and knowledge of container clustering with docker swarm
* Work experience of writing Ansible playbooks to change configurations in respective environments. Continuous deployment into respective environment through Jenkins with the help of Ansible.
* Experience in Designing and implementing complete DevOps Tool chain in AWS.
* Working as devops engineer using cloud (AWS) infrastructure.
* Knowledge in kuberenetes cluster.
* Experience of working with AWS services EC2, S3, ELB, Autoscaling, Ebs, vpc, Route 53, cloud watch, IAM.
* Working with build tools maven build tool, CI&CD tool Jenkins.
* Knowledge in monitor tool like Nagios.
* Experience of working both development and supporting projects at operations level by working experience in Agile methodology.
* Experience of dealing in change management, identifying defects and deployments by Ansible .
* knowledge of container clustering with docker swarm and Kubernetes.
* Strong background in Windows and Linux/Unix Administration
* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, worked with Terraform.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers.
* Experience in Setting up the build and deployment automation for Terraform scripts using Jenkins.
* Coordination experience with various teams like Dev, QA and production Operations.
* Knowledge in writing shell scripts
* Management of Nginx, Apache as web servers and tomcat and Jboss as application servers.

**Education:**

* B.E from BIT, Bangalore with 67% in 2016.

**Technical Skills:**

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| Operating Systems | Windows/Linux |
| Build Tools | Maven, Ant |
| CI/CD Tools | Jenkins |
| App Servers | Apache Tomcat |
| Configuration Management | Ansible |
| SCM Tools | GIT |
| Cloud Computing(Aws) | EC2,S3,Vpc,Route53,cloud watch, Elb, Autoscaling, IAM |
| Artifactory | Nexus and Jfrog artifactory |
| Containerization | Docker, Kubernetes |
| Code analysis | Sonarqube |
| Scripting Languages | Shell, Yaml |

**Professional Experience:**

* Working as a Devops Engineer for Cognizant from Feb 2016 to till Date.

**Role :** Devops Engineer

Project 1 :

Secure Messaging UBS Mailbox, is a two-way communication system to exchange messages, very similar to E-mail, between an external party and UBS employee or a group of UBS employees so called Pools, which are similar to shared mailbox in the classical Outlook paradigm.

Project2:

Provide OS for data and storage networking products**.** Offerings included routers and network switches for data center, campus and carrier environments

**Role & Responsibilities:**

* Working at every stage of deveps tools according requirements.
* Working with ansible deployments.
* Working with docker container clustering.
* Contionous deployment of deploying web application through Jenkins.
* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Troubleshoot problems arising from Build failures and Test failures.
* Build and deploy tools to make smooth pipeline transition in pre-production environments.
* Managed Sonatype Nexus artfactory repositories to download the artifacts during the build.
* Good experience in working with a team together to deliver best outputs in given time frames.
* Responsible for installing Jenkins master and slave nodes.
* Perform Build activities using Maven and Jenkins tool.
* Verify Deployments logs to check for successful deployments.
* Maintenance of source code in GIT. Branching, codes merging between the branches
* GIT administration at contributor and collaborator level.
* Administered Continuous Integration tools Jenkins
* When ever created Docker image push to private registry
* CI/CD processes in the framework of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Managed Version Control GIT and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
* Configured local Maven repositories with nexus repositories and scheduled projects in Jenkins for continuous integration.
* Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Troubleshoot problems arising from Build failures and Test failures.
* Build and deploy tools to make smooth pipeline transition in pre-production environments.
* Managed Sonatype Nexus repositories to download the artifacts during the build.
* Good experience in working with a team together to deliver best outputs in given time frames.
* Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Used Ansible Playbooks to setup Continuous Delivery Pipeline. Deployed micro services, including provisioning AWS environments using Ansible Playbooks.
* Used Ansible to document all infrastructures into version control.
* Responsible for installing Jenkins master and slave nodes.
* Perform Build activities using Maven and Jenkins tool.
* Verify Deployments logs to check for successful deployments.
* Maintenance of source code in GIT. Branching, codes merging between the branch.
* Administered Continuous Integration tools Jenkins
* CI/CD processes in the framework of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Maintained and upgraded Jira issue tracker, Sonar code review tool.
* Tuning of Long running builds.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT , Docker, on GCP
* Tracking daily support activities and working on improving the Productivity
* Address and resolve incidents raised by various teams

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