**Venkatesh Gangula**

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**PROFESSIONAL SUMMARY**

### 2.5years of experience as **Software Engineer** , knowledge in areas like Continuous Integration and Delivery, Incident Management Process, Infrastructure management and AWS cloud.

### Experience in building **Docker** containers.

* Implemented Continues Integration using **Jenkins** declarative pipelines and plugins.
* Used **SonarQube** as code review tool to check the quality of the code using Quality gates etc.
* Set up the **Kubernetes** to achieve high availability of the application.
* Experience in Web-based Git version control repository hosting service **GitHub**
* Experience using **Maven** for automating end to end build process and generating deployable.

Artifacts.

* Knowledge of **Ansible** as a configuration tool and using playbooks pushing the necessary installation of services to nodes in the DEV environment.
* **AWS** experience in compute services as EC2, Networking topology as VPC includes creating and managing, Authentication system using IAM policies, Various usage of S3 such as logs saving, artifacts repository, file sharing, static web hosting etc. Knowledge of other services such as ELB, EBS, Route 53, RDS and SNS.
* Experience in **Jira** tool.
* Experience in **Nagios**  **for** monitoring Networking and infrastructure
* Working Knowledge on **Linux** operating systems.

**EMPLOYMENT HISTORY**



**Current Employer :** L&T Technology Services

**Designation :** Software Engineer

**Duration :** Nov-2021 - Till Date.

**Project : Bose Corporation**

### **Project summary:**

**Customer :**  An online retailer of licensed sportswear, sports equipment merchandise located in USA.

**Environment :** GitHub, Jira, Slack, Confluence, Docker, Nagios, AWS as cloud.

**Description:** Our client is an online retailer which is located in USA and it has many applications which are both internal and external. We do manage and monitor the clusters for the high availability of the applications.

**Roles & Responsibilities:**

* Monitoring the Cluster components using New Relic and taking necessary actions when a Node is reporting issues.
* Creating Docker files for the new applications and pushing it to the private Docker hub.
* Worked on GitHub.
* We use AWS as our Cloud infrastructure for all the environments like DEV and Prod.
* Writing declarative pipelines for CI/CD using Jenkins.
* Writing Docker images and deploying the application on development environments.
* To create EC2, VPC, S3 Buckets and IAM policies for the required tasks.
* Work on IAM policies, user and group creation using AWS IAM service.

**TECHNICAL SKILLS**



* SCM Tools: GitHub.
* Build Tool: Maven.
* CI / CD    Tool: Jenkins.
* Containerization Tool: Docker.
* Configuration: Ansible.
* Cloud   Service: Amazon Web Services.
* Application Server: Apache Tomcat.
* Monitoring tools: Nagios, Prometheus and Grafana
* Instant chat application: Teams.
* For Incident Tracking: Jira
* Operating systems: Linux distributions and Windows.



**EDUCATION**

  B.S.C (Computer Science)with 75.00% Krishna Chaitanya college Vikrama Shimhapuri University 2018-2021.

  Intermediate with 85.06% Aggregate from Krishna chaitanya Junior College, Nellore.

S.S.C with 7.5GPA Aggregate from S.V.N School, Kaluvoya.