**Ganesh Ananthula**

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Having 4+ years of experience in IT industry with focus on Software Configuration, Integration, Build/Release Management and DevOps for several market driven international organizations.

**SUMMARY:**

* Good experience in Version Control/Source Code Management tools like by GITHUB & BITBUCKET.
* Administration/Maintenance experience of hosting/client tools like GITHUB.
* Using Build Tool like MAVEN for the building of artifacts from source code.
* Good experience in Continuous Integration (CI) tool like Jenkins.
* Have experience to generate artifacts using CI tools Like Jenkins and build tools like Maven.
* Have experience on configuration management tool Ansible.
* Having experience to install the packages, files and etc in client nodes through yml playbooks.
* Worked on chef installation and configuration on chef workstation, chef server and chef nodes on Linux environment.
* Having experience to create cookbooks, data books, roles & environments in chef workstation.
* Experience in working with Amazon Web Services (AWS), Creating EC2 Instances and configuring all web Services like EC2, S3 bucket, RDS, EBS, ELB, Auto-Scaling, AMI, Route53, Cloud watch and IAM through AWS Console.
* Deployed packaged Source code into Application Servers like Apache Tomcat.
* Worked on Dockers Including Docker Installation, Creating Images and Containers.
* Good experience on Code Deployment via builds (war/ear) into various Dev/QA/UAT/Production Environments.
* Ability to manage all aspects of the software configuration management process includes code compilation, packaging / deployment / release methodology, and application configurations.
* Having experience on code quality tool like Sonarqube.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Automation of creating new virtualized instance in VMWare
* Flexible and versatile to adapt to any new environment and work on any project.
* Excellent analytical and problem solving skills.
* Also having considerable self-learning subject knowledge on Kubernetes, Terraform and Shell scripting.

EDUCATIOn:

| * **Level** | * **Subject** | * **College / University / Year** |
| --- | --- | --- |
| M.S | Logistics & Supply Chain Management | University Of Bedfordshire, Luton, UK. |
| M.B.A | MBA HR | JNT University, Hyderabad, India. |

**Skills:**

|  |  |
| --- | --- |
| Operating Systems | Linux (CENTOS, RHEL, UBUNTU), Windows (7,8,10) |
| Application Server | Apache Tomcat |
| SCM Tools | GIT, BITBUCKET |
| Build Tools | MAVEN |
| Continuous Integration Tool | Jenkins |
| Web Server | Apache2.4 |
| Containerization | Docker, Kubernetes |
| Scripting language | Shell Scripting |
| Cloud Flat form | AWS |
| Others | Chef, Ansible, Terraform & Sonarqube |

**PROFESSIONAL EXPERIENCE:**

Project-1:

* Company Name : **i**-Teamsoft Technologies Pvt. Ltd, Hyderabad.
* Client Name : ICT Health Care
* Team Size **:** 14
* Duration : July 2017 to Aug 2018
* Environment : CI/CD, GIT, Maven, Jenkins, Tomcat, AWS, Chef, K8S.
* Operating System : Linux
* Role : Jr. DevOps Engineer

**Description:** Under Alchemit, Haini deals with the healthcare pharmaceutical vaccines, oral healthcare, nutritional products, over-the-counter medicines. It deals with many Sales, Cases and maintenance applications.

**Roles & Responsibilities:**

* Worked on Jenkins by installing, configuring and maintaining jenkins for automated build and deployments.
* Knowledge on creating Jobs and build pipelines in Jenkins.
* Creating and maintaining jobs in Jenkins for automated build and deployments.
* Installing Plugins in Jenkins according to project needs
* Having knowledge of Container Management and Orchestration Software like Dockers, Kubernetes and Terraform.
* Perform Deployment of War files in Tomcat application servers using Shell scripts.
* We are hosting our web app into docker containers.
* Basic idea (installing & configuring) on Sonarqube for Code coverage and code quality.

Project-2:

* Company Name : SYNTAGS IT LLP, Hyderabad
* Client Name : Touch n Go
* Team Size:10
* Duration : September 2018 to June 2020.
* Environment : Git, AWS, Jenkins, Docker, Shell scripting, K8S, Terraform
* Operating System : Linux
* Role : Jr. DevOps Engineer

Description:

The Touch 'n Go smart card is used by Malaysian toll expressway and highway operators as the sole electronic payment system (EPS). The credit card-sized smart card is made of plastic with microchip technology embedded in it. The Touch 'n Go systems are designed to process up to 800 vehicles per hour to ease the queue congestion at toll plazas and if used together with SmartTAG (a non-stop electronic toll collection system), will be able to process up to 1,200 vehicles per hour

**Roles & Responsibilities:**

* Creating branches and tags in GIT repositories and provided braches access permission to Dev team
* Responsible for tagging and maintaining code on version control.
* Creating the Build & Deployment plans in Jenkins as per the project requirement.
* Configuring Jenkins as a common CI engine to build and promote application to DEV, QA, STG and UAT environments.
* Deploying the code to test environments using automated deployment tool Jenkins.
* Collaboration with Development, QA, Product Management on Build plans & schedules.
* Responsible in creating and releasing builds.
* Work closely with Development, QA teams on Build and Deployment issues.
* Troubleshooting application related issues by log verification.
* Supporting Client environment related issues.

Project-3 :

* Company Name : SYNTAGS IT LLP, Hyderabad
* Client Name : Hospitality Management Solutions [HMS]
* Team Size:10
* Duration : August 2020 to till date.
* Environment : CI/CD, Git, Maven, AWS, Jenkins, Tomcat, Docker, Ansiible, Terraform.
* Operating System : RHEL
* Role : DevOps Engineer and Release Engineer

Description:

Hospitality Management Solution (HMS) is a hotel property management system built for the cloud with the flexibility, security, efficiency, and mobile capabilities to deliver a great guest experience. With HMS property management software, employees gain access to actionable information about guests and prospects to quickly assess each booking and provide a rich experience. Leveraging integration from the hotel property management system (PMS) to operational systems, Infor’s suite of solutions also help streamline accounting, revenue management, and work order processes.

**Roles & Responsibilities:**

* Creating branches and tags in GIT repositories and provided braches access permission to Dev team
* Responsible for tagging and maintaining code on version control.
* Creating the Build & Deployment plans in Jenkins as per the project requirement.
* Deploying the code to test environments using automated deployment tool Jenkins.
* Worked cloud AWS services EC2, VPC, S3, ELB, Cloud watch, EBS, Terraform and IAM, RDS.
* Have knowledge on kubernetes and terraform which were recently used for deployments of infrastructure.
* Used **Jenkins pipelines** to drive all micro services builds out to the **Docker registry** and then deployed to **Kubernetes**, Created **Pods** and managed using **Kubernetes.**
* Worked on Setup and Managing AWS services. (EC2Security Groups, IAM and VPC).
* Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service**, **Kubernetes**, worked with **Terraform.**
* Deployed configuration management and provisioning to AWS using **Terraform.**
* Provisioning and Managing infrastructure as a Terraform.

**DECLARATION:**

I hereby declare that all the details above furnished are true to my best of knowledge.

- Ganesh Ananthula