**CURRICULUM VITAE**

**Gopi Vattikonda**

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**Career Objective**

To progress my career in an innovative organization, where enthusiasm, hard work and quality will be encouraged and in an environment where I can enrich my skills and feel free to expose my best potential, there by fulfilling personal and organizational goals.

**Experience Summary**

* 4 years of experience as DevOps including Linux server administration, cloud administration and automation, Environment provisioning on Linux and windows, Continuous Integration and Continuous Delivery.
* Experience in setup CI/CD Automation process setup from development environment to Production environments
* Work experience on Azure Environment.
* Deploying Servers for different environment like Dev, Testing, and Prod.
* Azure peering Setup between within region **vNETs** different Region vNET.
* Exposure on **Azure Load balancers** like **Basic** & **Standard**
* Knowledge on Azure DevOps Concept.
* Working with Ansible Writing the play books for deploying daemons from master to all agent server.
* By using Ansible deploy the packages to Dev, stage and prod server through Jenkins.
* Worked on setup Kubernetes cluster for one our project.
* Configure Elastic Compute cloud (EC2) instances of Linux and Windows on AWS.
* Configure Elastic Load Balancers (ELB) for distributing incoming application traffic across multiple EC2 instances.
* Hands on experience on **AWS S3, EC2, IAM**, Cloud Watch, SNS, **Code Commit**, Developers Tools, Etc…
* I have experience on setup AWS VPC peering between same region & different region.
* Expertise on configuration tools like Terraform. Using Terraform launch Ec2, VPC, Subnets.
* I worked on monitoring tools like Monit, ELK and AppDynamics.
* Having good hands on experience in containerizing the application through Docker.
* Good working experience in **DevOps** tools like **Docker** and **Kubernetes**.
* Good working experience in writing **Dockerfiles** and **Multi-stage Docker files**.
* Good working experience in creating **Docker private registry**.
* Experienced in various source code management activities using tools like GIT, SVN, Mercurial involving branching and merging strategies, conflict resolution and safe repository backup and restore approaches by using the schedules.
* Experienced with Linux server administration includes **LVMs**, **RAID**, **NFS**, Access Management and Troubleshooting of server issues.

**Technical skills**

* Operating systems Linux and Windows.
* Configuration Management tool Ansible
* Infrastructure tool Terraform
* Cloud AWS and Azure
* Application Servers Tomcat
* Web Servers Apache
* CI Tools Jenkins/Azure DevOps
* SCM Tools SVN, GIT
* Build Tools Maven, Ant.
* Artifact Management Nexus
* Development Methodologies Agile
* Bug tracking tool JIRA
* Container technology Docker.
* Monitoring tools Monit, ELK, AppDynamics

**Academic Qualifications**

* Pursued **B.com** in **Computer** from Nagarjuna, Guntur.

**Work Experience**

Working in **Capgemini services India Pvt Ltd** as a **DevOps Engineer** in from Oct-2018 to Till Date.

**PROJECTS**

**Project #1:**

**Title : Harmony & Precession**

**Platform : Linux, AWS, DevOps**

**Client**  **:** **Abbott**

**Description:**

Abbott leading medical Industry to serve medicines, Health monitoring devices to people and hospitals as well.

In this project I have involved to work as Support for the offshore team like giving access to them on projects and also handling applications issues and also Kick-starting latest images to Development and Automation testing team.

**Responsibilities:**

* I am responsible to handle application issues like Network and storage issues.
* Sometimes users are unable to login to their systems on latest Kick-start Build.
* Usually we will get the issues on Jira ticketing tool.
* I have to responsible to sync latest builds from on-site servers to the off-shore server.
* I am involved to setup a password expiration alert to the all users using shell script.
* Involved in creating custom Docker images as well testing on Containers.
* In this project I got experienced on Perforce Sourced code management tool.
* I had setup the JIRA Dashboards for monitoring of issue resolution of the user.
* Worked Ansible to create Users and their workspace.

**Project #2:**

**Title : BlueBolt**

**Platform : Linux, AWS, DevOps**

**Client**  **:** **NORTEK**

**Description:** BlueBolt® Remote Power and Energy Management provides real-time, cloud-based control and monitoring of the energy used by your electronic devices.

Simply plug your electronics into a BlueBolt-enabled power management component to open up a new world of command and visibility of your energy usage.

From easy reboots of locked-up electronics to comprehensive energy tracking and scheduled conservation,

BlueBolt provides a unique combination of control and monitoring directly at your electronics’ power source.

**Roles and Responsibilities:**

* Created and managing Continuous integration, Continuous deployment and Continuous Delivery pipeline using Jenkins declarative pipeline and Build pipeline plugins.
* Create and Maintain GIT Branching, Merging and Tagging across each production releases and perform builds using Jenkins Continuous Integration using maven Build scripts.
* Working with Ansible Writing the play books for deploying daemons from master to all agent server.
* By using Ansible deploy the packages to Dev, Stage, and Prod server through Jenkins.
* Creating Users, Directory Structure, Deploying Archived packages into different Servers by writing Ansible playbooks.
* Creating and managing Azure Environment.
* Working with Docker Creating Images and push to Docker Private Repository and deploying containers with different environments.
* Working with Docker volumes and Networking also.
* Created the docker containers by writing the docker files and integrated with Jenkins.
* Hold responsibility for any issues arise during release deployment and take accountability to get the issues fixed by involving different teams.
* We have setup the ELK for Monitor the application logs.
* Setup the Kubernetes cluster for our application, in that cluster we used Pod deployment, Configmaps, Replication Controller.
* Worked on Linux Administration user creation, setup password expiration, LVM creation.

**Project #3:**

**Title : WebTech Unified Device Configuration**

**Platform : GitLab, CI/CT, Docker**

**Client**  **:**  **Leading Industrial Automation**

**Description:** Worked as DevOps Engineer in migrating the windows based application to Web based application. For this case I setup Continues integration/continues testing (CI/CT) by using Jenkins and GitLab. I setup the GitLab on-Premise setup.

**Roles and Responsibilities:**

* Created one Ubuntu server on top of virtual box inside the Ubuntu server installed GitLab on premise free trail server, later we get the GitLab production line from the CG.
* We setup the Continues integration by using Jenkins and continues Testing also.
* We setup the mail alert system by using python script whenever build fail or pass it will give the mail notification for us.
* Worked on Docker containers for application testing purpose.
* Moving Docker images from one machine to another.
* **Software Engineer** (Sep 2016 – Oct 2018) at **PricewaterhouseCoopers Pvt Ltd (PWC)**.

**Project #1:**

**Title : PWC E-way Bill**

**Platform : LINUX Administration, AWS, DevOps**

**Client : PWC**

**Roles and Responsibilities:**

* Environment Management and deployment automation, provision the infrastructure of windows and Linux environments. In addition, developing and supporting day to day release builds and deployments, improving existing infrastructure and services with upgrades, and consolidate existing tools.
* Manage and configure AWS services as per the business needs (ELB, SES, EC2, Route53, S3, Cloud Watch, IAM, and VPC.
* Setup/Managing VPC, Subnets; make connection between different zones.
* Creating snapshots, AMIs, Elastic IPs and managing EBS volumes.
* Written the puppet manifest to build the configuration on the agent nodes.
* Configure jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.
* Used and Administered Continuous Integration tools Jenkins.
* Built, configured and supported Application team environments.
* Implemented & maintained the branching and build/release strategies utilizing Subversion and GIT.
* Used Ant, Maven as a build tools on java projects for the development of build artefact’s on the source code.
* Experienced with Linux server administration includes LVMs, RAID, NFS, Access Management and Troubleshooting of server issues.

**Declaration:**

I hereby declare that the above mentioned details are true as per best of my knowledge.

**Signature**

Gopi V