Prasad Kumar V

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**Summary:**

Seeking challenging position in growth-oriented organization to satisfy myself, considering the satisfaction of the organization and to develop and utilize my computing and technical skills. Experience including Change & Release Management, Maintenance, Enhancement & Conversion of Software Applications design, Product Development, Banking, and health application domains.

**Specialties:**

**Working as a Devops engineer Since Nov 2019 to till now in Mastec Quadgen Wireless LLP Visakhapatnam**

- Having 5+ years of experience in **DevOps Engineer and automation expertise to engineer** and deliver best-fit products catering to client requirements and to main sustainable environments in the cloud computing space.

- Configuring AWS services like **VPC, EC2, Auto scaling, AMI, EBS, ELB, Cloud watch, RDS and S3**

- Setup and build AWS infrastructure various resources, VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Terraform templates.

- Experience on tools like **Ansible, Jenkins, Docker, Kubernetes, Maven, Git and Terraform.**

- Experience with environment provisioning and orchestration Deployed AWS servers like Linux.

- Knowledge of GIT and GitHub hence created repositories, branches.

- Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.

- Created Jobs for Builds and Deployments, installed several plugins in Jenkins to support multiple build eco systems required for the implementation of projects.

- Experienced in using monitoring tools like **Cloud Watch.**

- Managed environments **DEV, UAT and PROD** for various releases in Linux/Unix.

- Steered efforts towards **CI/CD pipeline implementation** for diverse range of applications as well as administering automation

- Hands-on experience Automate the **Ansible playbooks** to deploy automated tasks to many servers.

- Setup & Configuration of **Ansible Configuration** Management with specific client requirement such as create user/remove user, install/remove packages, updates & configure multi nodes.

- Configuring customized **Docker containers and creating Docker files** for different environments via Docker

- Participated in performing automation tasks on various Docker components **line Docker Hub, Docker Engine, Docker Machine and Docker Registry.**

- Running stateless and stateful application on Kubernetes cluster, using health-checks, configmaps, and secrets placement strategies using Node or pod.

**Work Experience:**

- Working as a Devops engineer Since Nov 2019 to till now in Mastec Quadgen Wireless LLP Visakhapatnam

- Worked as a INM RAN from June – 2019 to Nov – 2019 in Vodafone Idea Services Ltd under evolve-india.com HYDERABAD

- Worked as a Devops ENGINEER from May - 2018 to June - 2019 in Huawei Telecommunication Network pvt ltd under IKYA Human Capital solutions pvt ltd Bangalore.

- Worked as a Devops Engineer from Dec - 2017 to May 2018 in Nokia solution networks under UST Global in Chennai.

- Worked as a Network Administrator from DEC - 2016 to DEC - 2017 in GTL Limited under Innovsource pvt ltd Pune

**Technical Summary:**

* Operating Systems : RHEL, Cent OS
* Ticketing/Monitoring Tools : Service Now, Jira, Cloud Watch
* Cloud Platform : AWS
* Version Control : Git, GitHub
* Deployment Tools : Docker, Kubernetes(K8s)
* Continuous Integration tool : Jenkins
* IAC : Terraform
* Configuration Tools : Ansible
* Build Tools : Maven

**Professional Experience:**

**Worked as an Devops ENGINEER from May - 2018 to June - 2019 in Huawei Telecommunication Network pvt ltd under IKYA Human Capital solutions pvt ltd Bangalore.**

**NYL (New York Life Insurance Company)**

DevOps Engineer

**Roles& Responsibilities:**

- Implemented AWS solutions using VPC, EC2, S3, RDS, IAM, Elastic Load Balancer, Auto-scaling, Security groups and cloud watch.

- Creating various alarms in AWS to have continuous monitoring of resources and billing in AWS.

- Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling.

- Installing, configuring, and administering Jenkins CICD tool. Creating CI/CD pipelines by integrating Git, GitHub, Jenkins, and Ansible.

- Hands on experience in provisioning, orchestration, packages, services, configuration, and deployment using Ansible.

- Extensively Worked on Ansible and written playbooks for automation change configuration, provisioning, application deployments, services, and packages on On-site servers.

- Managed servers on the AWS platform instances using Terraform.

- Using docker, I have written the customized Docker file for my application and building the docker images and storing it in Docker Hub registry then running the containers from that docker image whenever requirements needed.

- Creating a docker network and connecting docker containers to that Network. Interface, creating the docker volumes and attaching containers to that volume and backing up the Logs.

- Implemented Jenkins pipeline for deploying my customized Docker containers into the Kubernetes cluster.

- Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.

- Deployment automated through Jenkins Job with corresponding environment.

**Worked as a Devops Engineer from Dec - 2017 to May 2018 in Nokia solution networks under UST Global in Chennai.**

**Professional Experience:**

**HIIQ (Health Insurance Innovations)**

DevOps Engineer

**Roles& Responsibilities:**

- Setup and build AWS infrastructure various resources, VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Terraform templates.

- Create to Automate AWS services which include web servers, ELB, EC2 and database security groups, S3 bucket and application configuration

- Involved in setting up Elastic Load Balancers for different applications to ensure high availability of applications

- Designed high availability environment for Application servers and database servers on EC2 by using ELB and Auto-scaling

- Dynamically add and remove servers from AWS production environment.

- Created Cloud Watch alerts for instances & used them for auto-scaling launch configurations.

- Managed servers on the AWS platform instances using Terraform.

- Installed and maintained the GIT repositories.

- Used and Administered Continuous Integration tools Jenkins.

- Installed, configured and administered Jenkins CICD Tool and created CI/CD Pipelines by integrating Git, GitHub, Jenkins, Ansible managed servers on the AWS platform instances via Terraform

- Configured Jenkins nodes to build jobs & distributing the load of Jenkins server and achieved parallel builds using master-slave configuration.

- Used to work closely with Developers and Build & Release team to setup Jenkins server & nodes for build and release team as per request.

- Provided customized Docker file for application using Docker and build the Docker images and stored it in Docker Hub registry and then ran the containers from Docker image whenever needed.

- Experience of Linux OS, including security, compilation, and installation of third-party software and networking.

- Continuous integration and automated deployment and management using Jenkins, Maven, Ant, and comparable tools.

- Coordinated with developers, Business Analysts and Managers to make sure that code is deployed in the Production environment.

- Experience in installation and configuration of configuration management tools like Ansible.

- Using volumes to provide persistence storage to containers. Worked on scaling our apps using metrics.

- Implemented Jenkins pipeline for deploying my customized Docker containers into the Kubernetes cluster.

**Worked as a System Administrator from DEC - 2016 to DEC - 2017 in GTL Limited under Innovsource pvt ltd Pune.**

**Infra Support**

System Administrator

**Roles& Responsibilities:**

- Provide L1 and L2 +Remote Administration Support for problems raised on Linux servers.

- Remote administration through Putty, SSH.

- Created and maintained user accounts in Red Hat Enterprise Linux (RHEL) and other operating Systems.

- Installed and configured Debian and Ubuntu for testing the applications.

- Experience on file system and disk management.

- Creating and managing user accounts, groups and access levels using SUDO

- Configuring the LVMs and adding the additional disk space as and when required.

- Scheduling/Controlling of jobs using Cron.

- Performance monitoring using, Top, netstat and analyzing these reports to figure out any performance issues.

- Performing Mount and unmount operations on file systems.

**Education:**

B.E: 2016 PASSED-Electronics and Communication Engineering stream from Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal, Pondicherry University With 80 %

HSC: 2012 PASSED - From Dr. B R Ambedkar Polytechnic college Yanam with 82% SSC: 2010-PASSED-From MGG G BOYS HIGH SCHOOL YANAM WITH 65%

- Name : V Prasad Kumar

- Father Name : V Satyanarayana

- Gender : Male

- Date of Birth : 22/07/1995

- Languages Known : Telugu, English, Tamil & HINDI.

Declaration:

I hereby declare that all the information furnished above is true to the best of me.

knowledge and assure you that I will work in the right earnest and fulfill the expectations of my superiors.

Your sincerely,

V PRASAD KUMAR