VENKATA MUNI K

Bengaluru, Karnataka, 560037 reddyvenkatamuni.devops@gmail.com 8494910474

PROFILE SUMMARY



Over all 3 years of experience as a **DevOps & AWS** Engineer.

Experience of **Svn, Git**, **Maven, Jenkins, Apache Tomcat, Docker, Ansible ,** and **AWS** services like VPC, VPC Peering, EC2, AMI , Auto Scaling, EBS, Elastic LoadBalancing, IAM, Amazon S3, RDS, Cloud Front, Route 53, Cloud Front, Cloud Watch, Terraform**.**

Installed, configured and administered CI tools like **Jenkins** and **Ansible** for automated builds.

Deployed and maintain servers, including **Apache** and **Tomcat** and **Nexus** **artifact server**

Experience in working on source code management tools like Subversion **(SVN)** **and GIT.**

Managed all the bugs and changes into a production environment using the **JIRA** tracking tool.

Experience working on several **Docker** components like **Docker** Engine, Hub, Machine, creating Docker images, Docker Compose, Docker Registry.

Experience in Implementing Continuous Delivery pipeline with **Jenkins** and **AWS**.

Solid understanding of Operating systems like **Linux, Unix, Windows.** Expertise in configuring and managing services like **AWS EC2** using **AMI**’s available. Configured multiple servers depending on application needs using continuous integration tool like **Jenkins**.

Experience in monitoring the servers using **Nagios** and **Grafana.**

Experience in Creating and managing user accounts, security, rights, disk space and process monitoring in **RHEL 6.x, 7.x, CENTOS 6.x,7.x**

Strong experience in working with the deploying applications using application servers like **Apache Tomcat Web Server, Nexus artifact and Jboss.** Administered tasks like taking backups, expanding file system disk space. Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.

Strong ability to troubleshoot any issues generated while building, deploying and in production support.

Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.

Having good Experience in **Puppet** and **Ansible** for Deployment on Multiple platforms.

Having Knowledge in **Ansible** writing **playbooks** and **Roles** to manage systems configuration.

Self-motivated, quick learner takes independent responsibility to contribute and teamwork skills.



EMPLOYMENT HISTORY

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| Tata Consultancy Services Limited | Bengaluru, Karnataka |
| **DEVOPS ENGINEER** | January 2018 - Present |
| **ROLES & RESPONSIBILITIES:** |  |

Having Good experience in **GitHub.**



Strong knowledge on source controller concepts like **Branches, Merging** and **Tags**.



Expertise with build systems and tools such as **Maven**.



Written Maven scripts to deploy the JAR/WAR files to the target Web Servers Installing and configuring applications on AWS **EC2** Instances.



Configuring and Networking of Virtual Private Cloud (VPC). Hands on experience on **VPC, Subnets, and route tables etc.**



Creating Elastic IPs attaching and detaching to instances as per client request. Configuring Elastic Load Balancer (**ELB)** for distribution incoming application traffic across multiple EC2 instances.



Building customized Amazon Machine Images **(AMI),** Build instances and configure as per requirements.



Creating record set for the domain hosted on **Route 53service** to direct the traffic to the ELB.



Creating folders in **S3 Bucket** and uploading images, files, and maintain the



buckets and folderPermissions and **Glacier** for storage and backup on AWS.

Creating **IAM** users, groups, Maintain the users Access management, and



Permissions.

Infra-structure development on AWS using various services like



**EC2,S3,RDS,Route 53,Cloud Front, Cloud Watch, IAM, VPC etc.** Configuration monitoring for AWS in **Cloud Watch**. Created alarms and notifications for EC2 instances using Cloud Watch.



Strong Experience **Jenkins** by installing, configuring and maintaining for the purpose of continuous **integration (CI)** and for End to End automation for all build and **continuous deployments.**



Experience knowledge in **Continuous Integration** and **Continuous Deployment** methodologies



Installed and Setup **Web Servers (Apache and Tomcat**). Having good Experience on **Docker** Containerization tool. Provisioned servers and deployed features using SCM tool like **Ansible**



Having Experience in **Ansible** writing **playbooks** to manage systems configuration Implemented **Grafana** monitoring tool and added AWS EC2 hosts on the entire cloud datacenter.



Created and maintained documentation on each and every work task for Dev and Ops team.



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| Tech Mahindra | Bengaluru, Karnataka |
| **DEVOPS ENGINEER** | April 2016 - December 2018 |
| **ROLES & RESPONSIBILITIES:** |  |

Experience in Maintenance of source control management systems, such as **Svn,** **Git.**



Involved in Branching, Tagging and Merging of code delivery at required releases Worked on **simple storage services (S3), simple notification service (SNS)** and **cloud watch**.



Creating S3 buckets and restricting access to buckets and directories to specific IAM users.



Created VPC and enabled access between public and private subnets. Managed and maintained end-to-end Pipeline with help of **Jenkins.** Involved in utilizing almost the entire AWS stack (including **VPC, EC2, Cloud** **Front, EBS, Route53, S3, RDS and IAM)** focusing on high-availability.



Design and implemented Security using **VPC, IAM,Security Groups** and **NACL** Improving Continuous Integration workflow using Virtual Environments like **Docker**



Automating Build process using **Docker** and similar tools.



Managed and optimize the Continuous Delivery tools like **Jenkins.**



User administration in **Jenkins**, such as giving permission to projects for certain groups such as Dev, Test.



Installed, Configured, Administer **Jenkins** Continuous Integration Tool. Automated Continuous Build and Deploy Scripts for **Jenkins** Continuous Integration tool.



Maintained over 10+ jobs in Jenkins for different Application teams.



Helped teams move cron jobs/scheduler to Jenkins & configure jobs.



Worked on several build tools like **Maven**, **ANT** etc. Co-ordinate/assist developers with establishing and applying appropriate branching labeling/naming conventions using **Git.**



Implemented Nagios monitoring tool and added AWS EC2 hosts on the entire cloud datacente.



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| EDUCATION | JNTU college of engineering | Anantapur, Andhra Pradesh |
|  | **B.TECH** | Graduated April 2016 |



TECHNICAL SKILLS:

PERSONAL DETAILS:

**Operating Systems:** RHEL 6/7, Centos,windows

***Version Control:*** SVN, GIT

**Build Tools:** Ant, Maven

**CI/CD Tools:** Jenkins

**Configuration Management Tool :** Ansible

**Containers:** Docker

**Scripting:** Basics of Shell Scripting , Terraform.

**Web/ Application Server:** Apache Tomcat

**Artifactory Storage :** Nexus

**Cloud Technologies:**

**AWS**(VPC, VPC Peering, EC2, AMI ,Auto Scaling, EBS, Elastic Load Balancing, IAM, AmazonS3, RDS, Cloud Front, Route 53, Cloud Front, Cloud Watch, Terraform,)

**Monitoring and Testing:** Nagios & Grafana

**Bug Tracking Tools:** JIRA



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| Name | : | Venkatamuni K |
| Date of birth | : | 15/06/1995 |
| Nationality | : | Indian |
| Languages known | : | English, Hindi, Telugu. |
| Address | : | Banglore. |



DECLARATION: I hereby declare that the information furnished above is true to the best of my

knowledge and belief.

Date:

Place: (K.Venkatamuni)