**RESUME**

**Venkatesh K**

**Ph: +91- 9959599623**

**Email ID: venkateshyadav6533@gmail.com**

**OBJECTIVE AND VISION:**

Versatile IT Professional with sound knowledge in cloud technology( AWS) and software development.

**Professional Summary:**

* 3 years of hand on experience on DevOps, Cloud Computing Engineer
* Deep knowledge of CI (Continuous Integration) and CD (Continuous Deployment)methodologies with Jenkins and Aws Devops.
* Experience in Jenkins master-slave for multi machine builds.
* Hand on experience in delivering container based deployments using Docker
* Having knowledge on setting up and managing Docker private repository.
* Having experience in creating custom Docker Images using Docker file
* Having knowledge on Docker Networking
* Having knowledge on Docker Clustering using Kuberneties
* Understanding of agile and other development processes and methodologies
* In-depth knowledge working with and managing Git (GitHub)
* Familiarity with Aws , Terra-form and JSON templates
* Strong scripting skills, i.e., shell scripting, Bash.
* Hands On experience of Aws ec2 Creation/Deletion/Modification.
* **Worked on Virtual Machine and Implementing VM Scale Sets for Auto Scaling of VMs based on Workloads to save cost and to achieve High Availability**.
* **Aws Storage and Backup Experience**
* Working on AWS cloud services like EC2, Security Groups, AMI, Snapshot, EBS, S3, VPC, IAM.,ELB, Amazon Glacier,Auto Scaling
* Provisioning and managing cloud infrastructure using AWS.

**Roles and Responsibilities:**

* Working with Development Team to manage the Aws environment.
* Setup and maintain system-monitoring using Nagios
* Support the engineering teams regarding CI/Build tools, Environments and Automation.
* Involved in Branching, Tagging and Merging of code delivery at required releases
* Build engineering automation and productivity tools to streamline deployment pipeline
* Troubleshoot and resolve issues related to application deployment and operations
* Participation in project meetings with other technical staff and business owners and subject matter experts.
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube.
* Configuring the Day and Night Builds for the sprint teams in Jenkins
* Configuring Windows Schedulers CRON Jobs for executing daily activities such as Backup/Archive etc.
* Created Docker files for easier replication of DEV, QA Environments in local machines.
* Automation of the compilation, continuous integration, testing, packaging, and distribution of software.
* Reviewing the technical architecture requirements to assess the DevOps Activities.
* Monitoring performance on all environments (CPU, disk space, etc.) to ensure smoothrunning of all environments.
* Experience in designing IT infrastructure.
* Work with the Operations and Product Development teams to automate deployments andsupport production systems.
* Build, release and configuration management of production systems
* Working knowledge on setting up IaaS solution mainly on Windows based platform using Terraform

Education: B Tech Information Technology (JNTU)

**Current Role:Devops Engineer, Valuemomentum**

## Hyderabad — Nov 2016 - Till date

Host Analytics is an American Multinational software product based company with products on Enterprise performance Management

I work for Cloud based software whose products power the Finance department in Cloud

**Responsibilities:**

* Successfully setup Aws DevOps Platform for Infra environment in Aws Public Cloud for our US based Client. CreatedVNet’s and creating multiple public, private subnets as per requirement and distributed them as groups into various availability zones.
* Strong expertise in deploying and upgrading the Production dev and test environment
* Setup new Datacenter setup in Aws for APAC region
* Working with VAM Team to implement DevOps for client CI/CD pipelines using Jenkins and DevOps in Insurance Domain.
* Repository GIT
* Created NAT gateways and instances to allow communication from the private instances to the internet
* Managing App server Deployments on IIS platform also on Java Using Jenkins on Apache servers
* Deploying Applications into Containers using Jenkins.
* Installing Kuberneties for containerizing applications
* Maintains Client Cloud infrastructure by close monitoring costing, infrastructure upgrades and change management.
* Automated Database related operations through scripting and execution.
* Supporting Development Team with administrative activities ensuring its day-to-day upgradation, installation, deployment and configuration management.
* Setup amazon load balancer for application high availability
* Version Control – Supporting version control through Git, tool and management.
* Used security groups, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.

# Experience: Software Engineer, Valuemomentum

## Hyderabad — Apr 2015 - Oct 2016

**Employee Self Service Portal**

**Employee Ratings**

**Internal Ticketing System**

**Moving SharePoint from one Server to Cloud (APP)**

**Responsibilities:**

* Analyzing the business requirement and designed the applications
* Providing the estimates based on the requirement.
* Monitoring junior members in the team
* Involving in the development Coding, Unit Testing and Implementation Web Applications
* Static Website Deployments/Enchantments/Support**.**

**Additional Qualification:**

* Attended AWS Associate level trainings.

**(Venkatesh K)**