

Sriharsha Ashala

Mail.id : harshasmile099@gmail.com

Ph.no: +919676966385

My website

<https://harsha9676.github.io/profile/>

Work Experience

Total Work experience of 2.3 years as an IT professional, 5 months of 2.3 years worked as a freelancer

Professional Snapshot

Seeking DevOps position where a background in the design, implementation, and deliverance of software and infrastructure can be used within the gaming industry to secure performance, latency, and efficacy.

Skill Summary

- Created Aws ec2 instances with user data along with VPC, subnets and security group
- Worked on Ansible YML playbooks for installing, (Apache, Nginx, Tomcat Server) to Deploy in remote node
- Created multiple terraform modules to manage configurations, applications, services and automate installation process for webserver and Aws instances
- Build infrastructure code using Terraform to create Ec2 instance with security group by using existing VPC and Subnets
- Using module command to install tomcat server in remote node
- Using boto3 Python library created Aws instances and s3 buckets
- Using Aws cli command created s3 bucket and copied some files into it
- Worked on html files to deploy in ec2 instance from git hub repositories using ansible playbook
- Worked on Kubernetes cluster and docker images to deploy application and monitoring software like Prometheus, Grafana.
- Worked on git commands and deployed in git

Technical Skills

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|-----------------------------------|------------------------------------|
| • Operating Systems: | Linux & Windows |
| • Version Control Tools: | GIT Bash, Ubuntu |
| • Languages: | Python |
| • Templates: | Html, CSS |
| • Application Servers: | Apache, Tomcat, Nginx |
| • Web Server: | Apache HTTP, Nginx |
| • Configuration Management Tools: | Ansible |
| • Cloud Tools: | AWS, AWS-EKS, GCloud, gke. |
| • Provisioning Tools: | Prometheus, Elasticsearch, Rancher |
| • CI/CD Tools: | Jenkins, webapp.io, Azure devops. |

Work Experience

Decision minds

Organization: Decision minds
Duration: Aug 2021 to present
Designation: Software Engineer (Success 4)
Responsibilities:

- Creating Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu) and configuring launched instances with respect to specific applications.
- Configuring and Networking of EC2 instances, Virtual Private Cloud (VPC) using Terraform.
- Configuring RDS using terraform.
- Configuring Ec2 instances with existing data sources (VPC, subnets) using terraform
- Using module command to install (tomcat server, Apache) in remote node
- Worked on ansible Yaml playbook to install web server like (Apache, Tomcat server) on ec2 instances
- Creating S3 bucket using AWS cli and Directories, Files and stored data in it.
- Created Ec2 instance by applying user data to installed Apache.
- Worked on creating snapshot, monitoring for instances
- Deployed webpage application in S3 bucket and also in GitHub

Worked in Production- S4

- Creating Gke cluster and deploying application in multiple namespaces
- Attaching the crunchy PostgreSQL and google cloud SQL database to application for respective servers and storing the data in it
- Worked on PostgreSQL parameters to increase size of memory and tuning the performance
- Implementing YAML files to maintain the Kubernetes cluster and issued free valid ssl certificates for applications
- Proficient in Kubernetes and ability to design implement end-to-end container management solution with Kubernetes
- Experience in setting up of Docker and getting images from Docker Hub, worked on Docker images and containers for deploying applications
- Extensively worked on Layerci CI/CD for continuous integration and for End-to-End automation for all Build and deployments.
- Good knowledge and experience in using Elasticsearch, Kibana and fluentd, CloudWatch, Prometheus and Grafana for logging and monitoring.
- Worked on Azure DevOps to deploy the production application on servers
- And for security reasons added multiple headers in nginx config file
- Worked on data migrations and data backup and on Rancher UI for Kubernetes

Ares Data

Organization: Ares Data
Duration: April 2021 to Aug 2021
Designation: Associate Data Scientist & DevOps engineer

Responsibilities:

- Develop Predictive Models for any prospective customers.
- Develop and test any other projects which are handed over to him.
- Extracted data from data base and applied data analysis concepts
- Created S3 buckets to store data and files in Aws
- Worked on Jenkins to deploy the web applications in Aws
- Worked on creating web pages and login pages
- Worked on building models for forecasting

Educational Qualifications

- B.E. from Bharat Institute of Engineering and Technology, Hyderabad in 2018.
- Alphones Junior College Intermediate - M.P.C 2012 – 2014.
- Brooklyn Grammar High School SSC 2012.