

Date of birth

10-06-1997

Nationality

Indian

Gender

Male

Place of birth

Guntur

Marital status

Un-Married

To be a part of an enthusiastic work environment where I can enhance my knowledge and technical skills to accomplish organization goals.

EDUCATION AND QUALIFICATIONS

Bachelor of Technology

Aug 2016– Jun 2020

Vignan's Foundation for Science Technology and Research (Deemed to be University),
Vadlamudi, Guntur, India

Course: Bio-Informatics

Subjects: shell programming, Python, Java, C, Statistics, Biosensors, Basic Electronics, Multimedia.

WORK EXPERIENCE

RADIANT CLOUD – Hyderabad, TS

APRIL 2022 - Present

Neone

- Created **Helm charts** and **Terraform** scripts for implementing a **CCMS** pipeline and make the infrastructure automation.
- Automated build and deployment process with **Cloud Build** combined with the created **Helm charts** and **Terraform scripts**, eliminating 85% of manual work.
- Implemented **istio service mesh** for Kubernetes service management and traffic management using **Helm Charts**.
- Installed **kiali dashboard** and **Prometheus** for monitoring traffic across the cluster.
- Later moved from **istio** to **Anthos Service Mesh (ASM)** for making the project more secure and reliable.
- Deployed multiple **Kubernetes** cluster across multiple GCP projects to implement various environments like dev, staging and production.
- Configured multiple microservices like **MONGO DB Container** and few **CNCF** technologies **rocket chat** and **NATS** to implement business logic.
- Configured a custom **Log based metrics** to log the errors in the entire cluster across multiple **namespaces** and multiple **pods** at once using **LQL**.
- Made a **Google monitoring dashboard** to visualise the errors from the **log based metrics** by using **MQL**.
- Created multiple **alert policies** using **LQL** for **Error monitoring**.

Genius Yield

- Created **Terraform Modules** to automate clusters with multiple **Node pools** for **Cardano Blockchain** compatible workloads, **service accounts**, **cloud sql instances**, **compute engine instances**, **Googles secret manager** and a few more services....
- As the terraform script was made as module it was used to create multiple environments like dev, staging and production in later part of the project.
- Automated the execution of the terraform script from **Circle CI**. Finally deployed the workloads to clusters using **Argo CD**.

- Made an **Angular** production build with **Express Js Server Side Rendering(SSR)** of Meta data tags to make the website more **SEO** optimised.
- Deployed the build to **Firebase Hosting** and the server was hosted on **Cloud Function** to trigger the **SSR**. The images were moved to secure **cloud storage bucket** to reduce the build size during deployment.
- Deployed another version of the website made using **Larvel Mysql** into google cloud as **Cloud run containers** and **Cloud SQL**.

Confidential Project

- Implemented Google cloud standard security protocols for organisational level **IAM** and **Networking**.

GENTECH – Delhi, ND Technical Expert

SEPTEMBER 2020 - APRIL 2022

Biopac VR

- Built the logic for integrating the **Biopac Acknowledge software** with the **Vizard VR** using few **python** libraries.
- Used **Blender** to create a large-scale 3D environment as per client's requirement
- Built basic **S3 storage** env to upload the data to cloud privately

Plux partner website

- Designed and developed used **WordPress** with **WooCommerce** plugin to give it a more of ecommerce look and this website was deployed in **GoDaddy cPanel** also we configured a **subdomain** to make sure we have a unified domain name.

Gentech Website

- Designed and developed a complex website with more than 100+ pages and for a 80 different products using the **HTML, CSS & Java Script**, Integrated the website with various **Js animation** libraries like **particle js, flickty js** to induce animation into the website.
- In Phase Two, worked on a 3rd party **map js** to integrate maps in to the existing website later worked using simple **PHP** to make the mailing from contact form api.
- In Phase Three, Deployed the website in **GoDaddy cPanel** and configured the **DNS**. After the deployment add **SSL** certificate by using the DNS verification method.

CLOUD TECHNOLOGIES – HYDERABAD, TS Software engineer Intern

DEC 2020 - JUN 2020

Summary: The project aims to develop an automatic attendance management system with the help of biometrics. In this project, we used face recognition as a marking feature for attendance, which helps in marking student attendance without human interference. In this method, a camera is fixed in the classroom and it will capture the image, the faces are detected and then it is recognized with the pre- loaded database, face recognition software is developed using python programming language.

INTERESTS

Enthusiastic learner about new software's and technologies I guess I went through most of the technologies and I have a habit of making projects you can take look at my personal portfolio here → rehman4023.firebaseio.com .

SKILLS

- **Web Technologies:** HTML, CSS, JS.
- **Programming and Scripting Languages :** C, JAVA, PHP, Python, shell scripting.
- **Database:** MONGO DB, Cloud SQL, Fire store, Cloud Spanner.
- **Frameworks:** React JS, Express JS, Node JS.
- **AWS:** S3, EC2, IOT, LIGHTSAIL, LAMDA, CLOUDFRONT, SES, PINPOINT, Honey code, Step functions
- **GCP:** Google Compute Engine, App engine, MIG, Cloud Run, Cloud Functions, GCS, GKE.
- **Digital Ocean:** Droplet, DNS manager.
- **Container development and Image Storage:** Docker, Docker Compose, Google Container Registry, Artifacts Registry, Docker Hub.

- **Orchestration and Management:** Docker swarm, Kubernetes, Helm, Container-d.
- **CI/CD:** Cloud Build, Cloud Deploy, Circle Ci, jenkins.
- **IAAC:** Terraform.
- **Monitoring and Logging:** Google-Stack-driver, Kiali, Grafana, Prometheus, Kubernetes dashboard, Grafana, Fluentd.
- **Kubernetes Service management:** Istio service mesh, Anthos service mesh, Glue mesh, Envoy proxy.
- **Quire Languages:** LQL, MQL, PQL.
- **Networking:** VPC, serverless VPC, VPC Peering, Cloud Load balancing, Cloud DNS, Cloud CDN, Cloud NATs.
- **Security Management:** IAM, Google Secret manager, Kubernetes Secret, organization policies, Firewall policies, configure VPN.
- **Other CNCF and open source tools:** NATS jetstream, Rocket chat, Cilium.
- **Other Web hosting platforms:** Godady(cpanel & plesk), Hostinger, Hostgator, Firebase

LANGUAGES

English	Fluent
Hindi	Fluent
Telugu	Fluent

Certifications and Badges

Istio

Kubernetes

Terraform

EXTRA CURRICULAR ACTIVITIES

- Visited Inter state university KLU as an Ambassador from VFSTR
- Participated of Technical project expo entitled Hydroponics held at VFSTR (SEP- 2018).
- Participated in Workshop based on Ethical hacking held at IIT Madras. (APRIL 2017).

Declaration

I do hereby declare that above particulars of information and facts stated are true, correct, and complete to the best of my knowledge and belief.

Mujibur Rehman Syed

