Gorantla Ramya Sree   **E-mail**:gorantlaramyasree@gmail.com
Software Engineer   **Mobile**: +91 -7981307069

Career Objective:

Competent and result oriented professional with 3 Years of software development experience in the area of Cloud Computing and Containerization.

Professional Summary:

- ◯ IT experience in Requirements Analysis, Application Design, Development, Testing, Implementation and Support.

- ◯ Experience includes developing applications using Go, Restful services, Kubernetes, Docker, Prometheus, Grafana, Elastic Search, Git, Gitlab.

- ◯ Ability to work on both Linux and Windows operating system.

- ◯ Proficient in developing scalable and reliable applications with a focus on optimizing cloud infrastructure.

- ◯ Skilled in advanced monitoring and visualization using Prometheus and Grafana. Eager to contribute my skills and innovation to a dynamic team in a challenging and growth-oriented environment.

Technical Skill Set

Technologies	:	Go, Kubernetes, Restful Services, Docker, Prometheus,Jaeger, Grafana,Helm ,commvault, Elastic Search,OpenTelemetry,Commvault, Git,Gitlab CI/CD, Shell script.
Databases	:	Postgres, Redis, Kafka
Web Technologies	:	JSON, YAML
Operating Systems	:	Windows, Linux

Professional Background as Software Engineer:

Organization : Tata Communications. Chennai (August 2021 – Current)

Designation   : Software Engineer

Contribution : Developed and deployed multiple Kubernetes controllers to manage storage usage restrictions, migrate IP address management (IPAM) providers, and enhance backup capabilities. Utilized Docker for building containers and Kubernetes for deployment and orchestration.

a) Developed a Custom controller using Go and integrated with kubernetes admission controllers to enforce storage polices per storageclass to restrict the storage usage.

b) Developed a Custom Contoller using Go to facilitate seamless migration from one IPAM provider to another.Implemented logic to extract IP address allocations from the source IPAM provider and apply them to the target IPAM provider.Ensured zero downtime during the migration process through careful orchestration and validation steps.

c) Developed a contoller to extend the functionality of an existing backup controller to include additional features like creating storage locations, exclude/include particluar resources in the backup .

d) Developed and deployed a serverless solution using Go and Knative to automate the cluster registration and backup configuration like scheduling of backups in Commvault using REST API.

e) Explored and integrated OpenTelemetry for observability and metrics collection in a cloud-native environment, replacing traditional metrics collection methods using Prometheus.

Organization : Collins Aerospace (Feb 2021 – July 2021)

Designation : Intern

Contribution : Developed fault log display system in water waste management systems using C.

Educational Summary

- O Graduated **B.TECH** Computer Science and Engineering from SASTRA University with 8.6 CGPA (2017- 2021)
- O Completed **MPC** at Narayana Junior College with 98.8% (2015-2017)

Declaration:

I declare that all the above given information is true to the best of my knowledge and if given the job will prove to be a valuable asset.