

# Gorantla Ramya sree

Software Engineer

## Profile Summary

Experienced Golang developer with a passion for cloud-native technologies, specialized in crafting robust solutions for Kubernetes. 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. Committed to staying current with industry trends and adopting a hands-on approach to problem-solving.

## Work Experience

Engineer - 08/2021 - present

**Tata Communications Limited**, Chennai

- Experienced Golang developer with a robust background in Kubernetes, proficient in designing and implementing custom controllers for seamless orchestration and management of containerized applications.
- Skilled in utilizing monitoring and visualization tools: Prometheus, Grafana, and Jaeger. Leveraged open telemetry to enhance system insights.
- Expert in backup and recovery operations using Velero, with a track record of enhancing functionality through custom controllers.
- Committed to innovation, demonstrated through in-depth research on Commvault for Kubernetes backup solutions.
- Extensive knowledge across various databases: Redis and PostgreSQL. Foundational understanding of Kafka and Minio, with exposure to Elasticsearch.
- Proficient in writing shell scripts and hands-on experience in Python coding, particularly in the context of Kubernetes resources.
- Recognized for strong troubleshooting and debugging skills; adept at addressing challenges swiftly and effectively.

Intern - 02/2021 to 07/2021

**Collins Aerospace**, Bangalore

- Developed fault log display system in water waste management systems.

## Projects

- Developed a custom controller in golang to migrate from one ipam provider to another ipam provider.
- Developed a custom controller in golang to restrict the usage of storage.
- Developed a custom controller in golang to add additional features to the velero backup controller.
- Added an additional feature to update the configuration of redis proxy .



## Contact

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## Experience

3 Years

## Skills

- Golang
- Kubernetes
- Docker
- Prometheus
- Grafana
- Helm
- Shell scripting
- Telemetry
- Jaeger
- Postgres
- Redis
- Commvault
- Backup
- Restful services

## Education

**BTech - Computer Science**

Sastra University, 2021

Grade: 86.34%

**Intermediate- 2017**

Grade: 98.8%

**10<sup>th</sup> Grade -2015**

Grade: 100%