

K. Shiva Chandra

✉ kshiva.knr@gmail.com

📍 Bengaluru, India

🌐 [linkedin.com/in/kamarapu-shivachandra-3b6a0a160](https://www.linkedin.com/in/kamarapu-shivachandra-3b6a0a160)

📞 8639322618

📅 06 December, 1998

🐙 github.com/shiva0612

WORK EXPERIENCE

Software Engineer Jio Platforms Ltd

05/2022 - Present

Bengaluru

Achievements/Tasks

- **CDR (Call Data Record) Aggregation** : Developed a high-performance microservice in Golang to aggregate CDR at a rate of 28k transactions per second. This microservice successfully replaced a legacy SAPCC tool, which was unable to scale and prone to errors.
- **Kubernetes API's** : Developed APIs in Golang to facilitate seamless interaction with Kubernetes, empowering the operations team to efficiently modify key aspects such as scaling replicas, comparing configuration maps, editing config maps, and monitoring CPU and memory usage of pods.
- **Migration Tool** : Developed a microservice that efficiently migrates customers from SAPCC tool to JRCS (Jio Rating and Charging System) using Golang worker pool patterns. The migration rate achieved is 3,000 subscribers per second, resulting in the successful migration of 900,000 subscribers to date.
- Implemented optimizations in **Azure Pipelines** to enhance developer productivity.
- Developed scripts to migrate code written in Mediation Zone software to Golang
- **Technologies Used** : Kafka, Redis, Golang Concurrency Patterns, gRpc, Docker, Kubernetes, Prometheus, Grafana

Golang Developer Coriolis Technologies Pvt Ltd

12/2021 - 05/2022

Achievements/Tasks

- Working on Data security Platform (Cipher Trust Manager) which involves detecting and encrypting vulnerable data in the Cloud(AWS, Azure)/Database(SQL and NOSQL)/Local storage using Microservices written in Golang

Trainee Engineer Digite

09/2020 - 08/2021

Achievements/Tasks

- Contributed to **Swiftalk** , a platform for **Data Integration** between different ALM (Application Life cycle Management) tools such as Jira, Rally and Swift Enterprise. As a part of the team I had created data pipelines in **Apache Nifi** for syncing Kanban cards in **JIRA** to **Swift Enterprise** In real time using webhooks in JIRA

SKILLS

Golang

Kafka

NATS

Docker

Kubernetes

gRpc

Python

AWS

Azure

Redis

MongoDB

PostgreSQL

Linux

SSH

Git

Machine Learning

proto and flat buffers

Prometheus and Grafana

PERSONAL PROJECTS

Simple log Routing service using Golang & Kafka [🔗](#)

Ecommerce application written in Golang [🔗](#)

Micro Blogging application written in Golang [🔗](#)

Multi user Command line chat room using Golang concurrency patterns [🔗](#)

Display image in term2 app using Golang IO concepts [🔗](#)

Real time monitoring of Kubernetes components in Golang [🔗](#)

Proto buffer vs Flat buffer performance benchmarking in Golang [🔗](#)

EDUCATION

B-Tech

National Institute of Technology, Meghalaya

08/2016 - 06/2020

7.66