HARSHADA ZADE
Software Engineer

Pune, India, 411017

+91 9175819287

harshadazade1234@gmail.com

PROFESSIONAL SUMMARY

Software Engineer with 3.8 years of experience with a degree in computer science and engineering, having Strong communication and problem-solving skills. I have mostly worked on 5G core RAN development in Telecommunication domain with Golang.

TECHNICAL SKILLS

- ☑ Golang
- ☑ MongoDB
- ☑ gRPC
- ☑ Gin Framework
- ☑ Docker
- ☑ RESTful API
- ☑ MySQL
- ☑ Microservices
- ☑ Testify
- ☑ Kubernetes

PROFESSIONAL EXPERIENCE

Capgemini Engineering

Associate II- Engineer | Sept 2021 - Present

- **Tech -** Golang, Gin, RESTful API, gRPC, MongoDB, Docker, Kubernetes, Grafana, Testify, Linux, Git
- Developed 5G Core RAN solutions using **Go language** in alignment with O-RAN and 3GPP specifications.
- Contributed as a Developer on Near-RT RIC, delivering solutions for multiple use cases based on O-RAN and 3GPP standards for various clients.
- Provided intelligence to E2Node for different 5G service models as per 0-RAN specifications.
- Migrated existing **RESTful APIs** to **gRPC**, reducing latency by 30% and improving overall system performance.
- Strong knowledge and hands-on experience in the development of xApps for Near-RT RIC from scratch in 5G environments.
- Utilized **Go-routines** for optimized concurrent processing in **Go applications**.
- Successfully converted one of the RIC module from python to **Golang**.
- Worked extensively with **MongoDB** for managing database operations.
- Developed unit tests and integration tests using the **Testify** framework in Go, ensuring robust and reliable software solutions.

PROJECTS

E-commerce Application

- **Tech -** Golang, Rest api, goroutines, MongoDB, Docker
- Developed a fully functional e-commerce application using Go, implementing core features like product listing, cart management to provide a seamless shopping experience.
- Integrated RESTful APIs for handling CRUD operations for products and users.
- Implemented a modular and scalable architecture, leveraging Go's concurrency model (goroutines and channels) to improve performance and scalability in handling large volumes of concurrent user interactions.

EDUCATION

2017 - 2021 | DMIETR, Wardha
BE: Computer Science and Engineering, CGPA: 7.6

2017-2017 | R J Junior College, Nagpur
HSC   Percent: 74%

ACHIEVEMENTS

- Received Wow Award 2 times for team contribution