

Rhythin Renny

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PROFILE

A Software Engineer specializing in scalable Go services and cloud-native architecture. Expert in FinOps and pipeline optimization, with a proven experience of reducing operation cost. As a budding homelab enthusiast, I spend my free time self-hosting services to deepen my understanding of networking and learning new technology.

PROFESSIONAL EXPERIENCE

Senior Software Development Engineer

04/2023 – present

Converj Global Private Ltd

- **Engineering Leadership:** Spearheaded the development of a high-scale payments platform, managing **40+ Go backend services** integrated with payment gateways and multiple vendors for onboarding, communication, analytics, invoicing etc
- **Data Architecture:** Designed a **cloud-native transactional data lake** using AWS services and Apache Iceberg; optimized analytics pipelines for **50k+ companies**, achieving a **78% reduction in processing time** and **63% lower storage costs**.
- **Cloud FinOps:** Slashed monthly GCP expenditure by **74%** by right-sizing over-provisioned infrastructure and migrating managed services to self-hosted GKE resources; leveraged **Spot Instances and Free Tier** for dev environments.
- **CI/CD Optimization:** Accelerated deployment velocity by **reducing CI/CD runtimes from 15m to <4m** through the implementation of Go module and build caching.

Database Administrator

10/2018 – 05/2020

Tata Consultancy Services

- Managed 1600+ MS-SQL instances, ensuring uptime, maintenance and performance.
- Reduced false alert tickets by **70%** by tuning thresholds based on historical alert data.
- Deployed **Foglight** (monitoring tool) across 1000s of servers and multiple domains, which helped identify recurring issues and led to **35% reduction** in high-priority tickets.

PROJECTS

Movie Ticket Booking System

Java, Spring Boot, JPA, Hibernate, MySQL

- Backend for a movie ticket platform inspired by BookMyShow.
- Features: Book/cancel ticket, sales analytics, show listings by movie/theater/date, seat types.

Student Result Management System

Java Swing, AWT, JDBC, MySQL

- Desktop app to manage student data and results.
- Features: Add/view/edit/delete student records, login management and support for local/remote MySQL servers

SKILLS

Languages — Go, Python, SQL | **Databases** — PostgreSQL, MS-SQL, Redis | **DevOps & Cloud** — Docker,

Kubernetes, AWS, GCP, CI/CD (tekton), Terraform | **Messaging & Architecture** — Kafka, gRPC, REST APIs,

Event-driven, Microservices | **Tools & Testing** — Git, Unit Testing (Testify, Go test, Mockery)

EDUCATION

B.Tech Mechanical Engineering

06/2014 – 06/2018

Government Engineering College Thrissur

CERTIFICATES

• Google Data Analytics Certification - Google 

• Certification Program in Data Analytics - Edubridge 

• Full Stack Development Course - Acciojob