

Shubham Chadokar

8649904058 | shubhamchadokar04@gmail.com | [linkedin.com/in/schadokar](https://www.linkedin.com/in/schadokar) | github.com/schadokar | schadokar.dev

SUMMARY

Backend platform engineer with 10 years of experience building systems at scale. Architected a CPaaS billing platform handling ~1B txns/day at 10K RPS; consolidated a 20-service data pipeline into 5 components (-75% complexity, 5-6X throughput headroom); delivered a zero-downtime platform-wide SSO with zero production disruption. Core stack: Go, Kafka, Kubernetes, PostgreSQL; track record across architecture, delivery, on-call, and mentorship.

EXPERIENCE

Infoblox

Sept. 2024 – Present

Senior Software Engineer — Data Engineering

Bangalore, India

- Defined and drove adoption of a new Cloud Data Connector architecture, consolidating 20 microservices into 5 modular components (-75% complexity); benchmarks validated 5-6X throughput headroom, establishing the design as the platform's scalability foundation for the next growth phase.
- Identified an emerging Kafka topic-explosion risk before it manifested — led the technical design and cross-team alignment on a per-customer keyed partition topology, cutting projected topic count 100X (1M → 10K); enforced broker-level tenant isolation with a zero-downtime migration, protecting scalability headroom for 1K→10K customer growth.
- Improved end-to-end pipeline latency and throughput 60-70% by profiling Go services, refactoring critical code paths, and eliminating redundant processing layers.
- Rebuilt Grafana observability and alerting infrastructure from scratch across 5 services — reduced MTTD on customer-impacting incidents from ~4 hrs to 20 min; established SLO dashboards and on-call runbooks adopted as team standard.
- Independently designed and shipped 3 internal LLM agents (PR review, deployment automation, sprint retros), later adopted across the engineering team — reclaimed ~2 hrs/week per engineer in aggregate and eliminated deploy failures from manual misconfiguration entirely (0 incidents in 3 months post-launch).

Kaleyra (Tata Communications)

Apr. 2021 – Oct. 2023

Associate Software Architect — Billing, SSO, Chat Platform

Bangalore, India

- Designed and delivered the CPaaS billing platform end-to-end — 10K RPS, ~1B transactions/day — leading 3 engineers across architecture, breakdown, reviews, and release.
- Cut billing latency by 60% and infrastructure cost by 30% by redesigning service architecture and data flows; reduced compute footprint 10X via high-frequency transaction batching.
- Resolved recurring MongoDB file descriptor outages (2-3/month at peak) across 10 services by designing a tier-based collection model — reducing 100K+ collections to a manageable pool, coordinated across 4 teams and validated by MongoDB consultants — directly enabling a new premium revenue tier (faster reports + extended data retention).
- Delivered a zero-disruption rollout of a platform-wide Keycloak SSO gateway affecting every engineer, team, and customer — a zero-downtime system where any failure would cause company-wide outage — zero production incidents during and after launch; architected the integration, defined the cutover sequence, and coordinated delivery across 2 engineers.
- Eliminated a cross-departmental approval bottleneck by designing and implementing a company-level admin SSO — collapsed recursive approval chains spanning 3 departments into a single-step process; led 2 engineers end-to-end.
- Rewrote the WhatsApp Web-style chat platform from scratch in Go and migrated SQL → MongoDB, eliminating class-level reliability bugs and removing the relational-schema scaling ceiling.
- Migrated legacy PHP billing service to Go and admin portals to Node.js, cutting tech debt by 70-80% and improving load performance by 80-90%.
- Mentored 3 junior engineers on distributed-systems design — outcomes: 1 promoted to Senior SWE, 1 joined Amazon, 1 admitted to IIT (M.Tech).

Deloitte

Mar. 2020 – Apr. 2021

Solution Advisor — Blockchain & Digital Assets

Hyderabad, India

- Refactored critical execution paths in a blockchain custody platform for enterprise clients, achieving 20% throughput gain and eliminating manual audit overhead through automated custody verification; contributed technical risk assessment for Facebook Novi infrastructure.

MSR Cosmos

Aug. 2018 – Mar. 2020

Software Engineer — Blockchain

Hyderabad, India

Infosys

Jun. 2016 – Aug. 2018

System Engineer — Blockchain R&D

Bangalore, India

PROJECTS

Munshiji | munshiji.xyz

- Open-source, self-hosted personal finance dashboard built for India — first-class support for EPF, NPS, PPF, SSY, and 13+ Indian account types that global tools don't model.

Writing & Speaking | *freeCodeCamp*, *Towards Data Science*, *DigitalOcean*, *schadokar.dev*

- Author of *Playtime with Hyperledger Composer* (eBook)
- Speaker at London Gophers, Pune Gophers, and DockerCon on Go, distributed systems, and container tooling.

EDUCATION

Jabalpur Engineering College

Bachelor of Engineering, Electronics and Telecommunication

Jabalpur, MP

Aug. 2012 – May 2016

TECHNICAL SKILLS

Languages: Go, JavaScript, Python, SQL, C#

Infra & Data: Kubernetes, Docker, AWS, GCP, Azure, Kafka, PostgreSQL, MongoDB, MySQL, Redis, RabbitMQ

Frameworks & Tools: gRPC, REST, Node.js, ReactJS, Keycloak, Grafana