

DHARMIN CHOTHANI

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PROFILE SUMMARY

Backend Engineer with 5+ years of experience building distributed systems and scalable backend services, including 3.5+ years specializing in Golang. Experienced in designing APIs (gRPC, REST, GraphQL), working with cloud-native technologies (Kubernetes, Docker), and debugging complex production issues across distributed environments. Strong background in system design, database architecture (MySQL, PostgreSQL, ScyllaDB, ClickHouse), and observability-driven debugging.

Proven ability to own production systems, handle critical incidents, and deliver reliable, high-performance backend solutions. Demonstrated leadership through mentoring junior engineers, onboarding new hires, and driving engineering best practices.

PROFESSIONAL EXPERIENCE

AZIRO TECHNOLOGIES INDIA PRIVATE LIMITED

Pune, IN

Senior Software Engineer

June 2024 - Present

Cloud Engineer (Client: HEWLETT PACKARD ENTERPRISE - HPE)

August 2025 - Present

- Working on **HPE Private Cloud Business Edition**, a hybrid cloud platform enabling enterprise-scale VM and infrastructure management across distributed environments
- Designing and developing backend services in **Golang** using **gRPC** and **REST** APIs for cloud infrastructure management
- Diagnosed and resolved critical production issues across distributed systems involving **Kubernetes**, **Docker**, and virtualization layers like **VMware ESXi** and **HVM (KVM-based Hypervisor)** improving system stability and reducing recurring failures
- Led root cause analysis for a critical **Kubernetes pod crash issues** caused by workflow inconsistencies, implementing a fix that eliminated runtime panics and prevented recurrence
- Improved release reliability by implementing **shift-left testing** for bug fixes and features using **Skaffold** and local Kubernetes clusters, enabling early detection of defects
- Investigating system-level failures in Linux environments, including networking, storage, and VM lifecycle management
- Handling critical **customer escalations**, performing root cause analysis (RCA) and delivering timely resolutions for production incidents
- Leveraging observability tools **Grafana** and **Humio** for observability, debugging and performance analysis
- Collaborating with cross-functional teams (support, QA, DevOps) to improve system reliability and release quality
- Mentored onboarded engineers by providing **KT sessions, debugging guidance, and doubt solving sessions**

Automation Engineer (Client: PORTWORX)

June 2024 - August 2025

- Built **end-to-end test automation frameworks in Golang** for Portworx products (PXB, PXE)
- Developed Kubernetes-focused test suites using **Ginkgo** and **Gomega**, validating distributed storage behavior
- Collaborated closely with the development team to identify edge cases and improve product reliability through automated testing
- Integrated test execution into **Jenkins CI pipelines**, validating releases across vanilla **Kubernetes**, **GKE**, **EKS**, **AKS**, **Red Hat OpenShift**, and **Rancher**
- Mentored onboarded engineers by providing **KT sessions and doubt solving sessions**

SAMESPACE LABS PRIVATE LIMITED

Mumbai, IN

SDE II - Backend

October 2021 - June 2024

- Engineered a Centralized Authentication System in **Golang** and **PostgreSQL** for Samespace, enhancing access management and implementing robust replication strategies for high availability
- Designed and implemented a robust SaaS Billing Database on PostgreSQL, incorporating diverse pricing models and recurring billing. Engineered **GraphQL** APIs for seamless integration. Deployed **PostgreSQL Logical Multi-Active Replication** for high availability and disaster recovery
- Engineered a scalable system using GraphQL, Golang, **Clickhouse**, **ScyllaDB**, and **NATS.io** for employee productivity tracking and leave management
- Developed migration pipelines using **Node.js** to transition users from old sign-in system to the new authentication and authorization platform
- Maintained and evolved a **legacy MySQL billing system**, ensuring backward compatibility while supporting new business requirements
- Mentored junior engineers and conducted **knowledge transfer sessions**, improving team productivity and onboarding speed

PRIMARY HEALTH CENTER PILIV, UNDER ZILLA PARISHAD SOLAPUR

Mumbai, IN

Volunteer Software Developer

April 2020 - July 2020

- Developed a **full-stack Android application** to empower ASHA workers to digitize village health surveys, building backend services using **Node.js**, **MongoDB**, and **GraphQL APIs** for efficient data collection and management
- Built an **admin dashboard for data analysis and visualization**, improving accessibility of health data and enabling better decision-making for field operations

TECHNICAL SKILLS

- **Languages:** Go, Python, Node.js
- **Backend & APIs:** REST, GraphQL, gRPC, Microservices
- **Databases:** PostgreSQL, MySQL, ScyllaDB, MongoDB, ClickHouse, meilisearch
- **Caching & Messaging:** Redis, NATS, Kafka
- **Infrastructure & Systems:** Docker, Kubernetes, Envoy Proxy
- **Observability & CI/CD:** Grafana, Humio, Jenkins
- **Virtualization:** VMware ESXi, HVM (KVM-based Hypervisor)

EDUCATION

K J SOMAIYA INSTITUTE OF ENGINEERING AND IT

Mumbai, IN

Bachelor of Engineering, Computer Engineering

August 2017 - June 2021

- CGPA: 8.79

ACHIEVEMENTS

- Winning team of **Smart India Hackathon (Software Edition), 2019 (Team - Random-6)** for the problem statement **"Finding the nearest parking spot in vicinity"**
- Winning team of **Mastek's Project Deep Blue Season 5** (Registered Teams 348)
- Selected in top 12 teams for **AI Hackathon, 2019** conducted by **Centre for Development of Advanced Computing (CDAC)**
- Winning team of **DEVSOC'21** organized by **CodeChef-VIT, Vellore (Team - SecureVision)**