

Dinesh Durgaprasad

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dinesh.dev | [github](https://github.com) | [linkedin](https://www.linkedin.com/in/dineshdurgaprasad)

SKILLS

Languages : Golang, Elixir, Javascript.

Tools & Technologies : Distributed Systems, NodeJs, Kubernetes, Redis, PostgreSQL, Docker, React, Tailwind CSS, Phoenix Framework.

EDUCATION

R.V College of Engineering

Bachelor of Computer Science & Engineering

KCET rank: **106**. Aggregate CGPA: **7.88**

Bangalore, India

June 2021

PROFESSIONAL EXPERIENCE

Tradelab Technologies Pvt. Ltd.

Senior Backend Developer

Bangalore, India

Dec 2021 – Present

- Engineered and maintained 15+ microservices powering a high-traffic trading platform, ensuring robust performance and scalability.
- Led horizontal scaling initiatives to support increasing user demand, resulting in improved system resilience and availability.
- Improved database performance by optimizing queries and implementing effective caching strategies, achieving a 40% reduction in response times.
- Identified and resolved a critical bottleneck in WebSocket data delivery by integrating NATS for real-time messaging, significantly enhancing throughput and latency.
- Designed and implemented a robust library for managing Redis Cluster operations, enabling seamless scalability and high availability across distributed systems.

Skills: Golang, Gin, gRPC, React, Redis, RabbitMQ, NATS, Elixir, Phoenix Framework, TCP, Genservers, Releases, Docker, Kubernetes, GitLab CI/CD.

Quotient Technology

Software Intern

Bangalore, India

May 2021 – Oct 2021

- Worked on API & UI automation and API validations using Protractor, Cucumber, Java, Selenium, Postman, TestNG, Extent Reports
- Worked on Server side Deployments
- Hack Day Event: Social Media Cashback Offers (SMCB): Conceptualized and built a working prototype in under 24 hours. The system awards cashback to users based on post engagement metrics like views and likes, merging coupon-based marketing with social media virality.

PROJECTS

HDFC SKY (Trading Platform. <https://hdfcsky.com>)

Dec 2021 – Aug 2025

Contributed significantly to the development of HDFC SKY, HDFC Securities flagship trading platform. Collaborated directly with cross-functional teams to build and maintain mission-critical backend services that support real-time trading, client onboarding, and high-throughput order execution—ensuring seamless performance and reliability for millions of users.

GEOTALK ([github](https://github.com))

May 2025

A simple web server where users can share messages without needing to exchange contact information — no need to note down a stranger's phone number or contact information.

INTERESTS

Chess, Badminton, Cricket