Dinesh Durgaprasad Chilikuri

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dinesh.dev | github | linkedIn

SKILLS

Languages : Golang, Elixir, Javascript.
Tools & Technologies : Distributed Systems, Redis, PostgreSQL, Docker, React, Tailwind CSS, Phoenix, REST, Git.

EDUCATION

R.V College of Engineering   **Bangalore, India**
Bachelor of Computer Science & Engineering   June 2021
KCET rank: **106**. Aggregate CGPA: **7.88**

PROFESSIONAL EXPERIENCE

Tradelab Technologies Pvt. Ltd.   **Bangalore, India**
Senior Backend Developer   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: Redis, RabbitMQ, NATS, Elixir, Golang, Phoenix Framework, TCP, Genservers, Releases, Docker, GitLab CI/CD.

Quotient Technology   **Bangalore, India**
Software Intern   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 – Dec 2024
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)   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