

# Dinesh Durgaprasad Chilikuri

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 [github](#) |  [linkedIn](#)

## SKILLS:

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**Programming Languages :** 3.3+ YOE in Elixir , Golang , JavaScript.

**Development Tools:** Beam VM, Phoenix framework, PostgreSQL, RabbitMQ, Redis, OTP.

**Continuous Integration Servers:** GitLab CI/CD..

## EDUCATION:

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**R.V College Of Engineering, India**

**Aug 2017-July2021**

*Bachelor of Engineering in Computer Science.*

KCET rank: **106**.

Aggregate CGPA: **7.88**

## PROFESSIONAL EXPERIENCE:

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**Tradelab Technologies Pvt. Ltd. – Senior Backend Developer**

**Dec 2021 – Present.**

- Developed and maintained 20 microservices for a high-traffic trading platform.
- Worked on scaling applications horizontally to meet growing user demand.
- Optimized database queries and caching strategies, reducing response times by 40% and improving system scalability.
- Identified and optimized a key bottleneck in WebSocket data delivery, implementing a more efficient solution using NATS to enhance real-time performance.
- Redis, RabbitMQ, NATS, Elixir, Golang, GitLab CI/CD, Phoenix Framework.

**Quotient Technology – Software Intern**

**May 2021 – Oct 2021**

- Team member in Application Platform Systems.
- Worked on API & UI automation and API validations, using **Protractor , Cucumber, Java, Selenium , Postman,TestNG, Extent Reports .**
- Worked on Server side Deployments
- Actively Participated in the HACK DAY event

## PROJECTS:

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

Developed various microservices starting from a client management system to high speed data flowing services which are the backbone for the platform. The system was designed to provide a comprehensive and centralized platform for managing client information and services.

### Contributions:

- Implemented REST APIs to provide seamless integration with various client-facing applications.
- Developed multiple microservices to handle various services for clients such as user data management, live alerts, and trading operations.
- Optimized system performance by building cache layers using **ETS** enhancing the response time of the application by 20 times.

- Modified existing design using **RabbitMQ** and **GenStage** for improved data flow.
- Developed a library to handle **Redis-Clustering**.
- Worked on the integration of various external APIs to enhance the functionality of the system.
- **Elixir, Genstage, GenServers, Supervisors, TCP, Phoenix Framework, ETS, Mnesia, Ecto, Channels, Cowboy, Mix, Distillery Releases, Docker.**

The project was a great success and helped the company to provide a comprehensive and centralized platform for managing client services. It demonstrated my ability to work on complex systems, handle sensitive client data, and implement scalable solutions using microservices architecture.

### **HackDay: Social Media Cashback Offers:**

SMCB is a Hackidea, which was prototyped and implemented in a 24hrs window. It targets Coupons app with social media users and tries to award them based on the views and likes for the post which gets attracted.

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### **INTERESTS:**

- **CHESS**
- **CRICKET**
- **BADMINTON**