

# Ved Chaudhari

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Portfolio | LinkedIn | GitHub

## Professional Summary

**Backend Developer** with 1 year of hands-on experience building **Node.js APIs**, real-time features, and production deployments. Strong in backend development with **MongoDB**, **PostgreSQL**, **Redis**, and **RabbitMQ**, with practical exposure to **Docker**, **AWS EC2**, and **CI/CD pipelines**.

## Professional Experience

### Wharf Street Strategies

*Node.js Backend Developer*

Jan 2025 – Present

*Navi Mumbai, MH*

- Built and maintained backend APIs for a Learning Management System (LMS) serving **10,000+ users**, managing enrollments, **authentication**, and **role-based access control**.
- Added **real-time order tracking** for a food delivery application using **Socket.IO**, enabling live status updates and location sharing.
- Optimized **MongoDB queries** and introduced a **Redis caching layer**, reducing average **API response time** from **300ms to 25ms**.
- Integrated **payment gateway APIs** with secure **webhook handling** and structured logs to improve transaction reliability and debugging.
- Dockerized services and set up **GitHub Actions CI/CD** on **AWS EC2** to automate builds and deployments.

### Wharf Street Studios

*Node.js Backend Intern*

Oct 2024 – Jan 2025

*Navi Mumbai, MH*

- Implemented backend features for user groups, **RBAC**, and leaderboards using **Node.js** and **MongoDB**.
- Added **WebSocket-based** real-time updates for live events and gameplay sessions.
- Improved **database performance** by creating indexes and optimizing **Mongoose queries** on high-traffic APIs.
- Assisted in debugging **production issues** and shipping fixes to improve application stability.

## Key Projects

### Readsphere: Social Reading Platform

*GitHub | Live*

- Built a full-stack social reading app using **React Native** and **Node.js**, enabling book highlights, creator follows, reading streaks, and virtual gifts.
- Implemented **real-time chat and activity updates** with **Socket.IO** for live reader interactions.
- Designed **MongoDB collections** and added **Redis caching** for feeds, reducing average **API latency** from **150ms to under 28ms**.
- Handled media uploads using **AWS S3 presigned URLs** and deployed Dockerized services on **AWS EC2** with **Nginx**.
- Automated builds and deployments using **GitHub Actions CI/CD**.

### MicroBlog: Event-Driven Blogging Platform

*GitHub | Live*

- Built a **microservices-style** blogging platform using **Node.js** with **RabbitMQ** for **asynchronous communication**.
- Implemented separate **User, Author, and Blog services** for authentication, content creation, and post management.
- Used **PostgreSQL** for blog data and **MongoDB** for user authentication and profiles.
- Added **Redis caching** to speed up frequently accessed APIs and reduce response times.
- Dockerized services and deployed to AWS using **GitHub Actions CI/CD**.

## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript, PostgreSQL, MongoDB

**Backend:** Node.js, Express.js, REST APIs, WebSockets, Socket.IO, Microservices, RabbitMQ

**Infrastructure:** AWS (EC2, S3), Docker, Redis, Nginx, GitHub Actions (CI/CD), Linux

**Frontend:** React Native, React.js, Next.js

## Education

### Rajiv Gandhi Institute of Technology (Mumbai University)

2020 – 2024

*Bachelor of Engineering in Computer Engineering (CGPA: 8.78/10)*

*Mumbai, MH*

### Narayana Junior College

2018 – 2020

*Intermediate MPC (86.9%)*

*Hyderabad, TS*