

# Ved Chaudhari

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Portfolio | LinkedIn | GitHub

## Professional Summary

Backend Developer with 1 year of experience building RESTful APIs, real-time backend systems, and scalable services. Experienced in caching, database optimization, asynchronous processing, and deploying containerized applications using automated cloud deployment pipelines.

## Professional Experience

**Wharf Street Strategies** Jan 2025 – Present  
Navi Mumbai, MH  
*Backend Developer (Node.js)*

- Designed loosely coupled database schemas and built backend RESTful APIs for a Learning Management System serving 10,000+ users, implementing authentication and role-based access control.
- Improved API performance by introducing caching, database indexing, and query optimization, reducing average response time from 300ms to 25ms.
- Implemented real-time updates for order status and user activity, enabling instant updates without refreshing.
- Offloaded background operations to asynchronous queues, reducing API load and preventing request delays under higher traffic.
- Integrated secure payment workflows with proper callback handling, error handling, and structured logging.
- Containerized backend services and implemented automated deployment pipelines improving release reliability.

**Wharf Street Studios** Oct 2024 – Jan 2025  
Navi Mumbai, MH  
*Node.js Backend Intern*

- Developed real-time clan chat for Epiko Regal, a multiplayer game with 50K+ users.
- Implemented WebSocket communication supporting up to 250 concurrent clan members.
- Maintained user presence tracking to monitor online and offline members efficiently.
- Improved database performance using indexing and ensured schema consistency.

## Projects

**Readsphere: Social Reading Platform** | Website | App | GitHub Nov 2025 – Feb 2026

- Developed scalable backend RESTful APIs supporting authentication, book sharing, follow system, and activity tracking.
- Implemented real-time chat and messaging with delivery acknowledgments and read receipts.
- Built user presence tracking using heartbeat mechanism and caching.
- Reduced API response time from 150ms to under 28ms using database indexing and caching.
- Implemented secure media upload using presigned URLs.
- Containerized backend and deployed with automated CI/CD pipelines.

## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript, SQL

**Databases:** PostgreSQL, MongoDB, Redis

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

**Infrastructure:** AWS (EC2, S3), Docker, Nginx, GitHub Actions, Linux

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

## Education

**Rajiv Gandhi Institute of Technology (Mumbai University)**  
*Bachelor of Engineering in Computer Engineering (CGPA: 8.78/10)*

2020 – 2024  
Mumbai, MH