

Ved Chaudhari

Navi Mumbai, MH | +91-9373470153 | vedc2853@gmail.com
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

Backend Developer (Node.js)

Jan 2025 – Present

Navi Mumbai, MH

- 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

Node.js Backend Intern

Oct 2024 – Jan 2025

Navi Mumbai, MH

- 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