

GANESH UNHALE

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SUMMARY

Full-Stack JavaScript Developer | 3 YOE | React.js, Next.js, Node.js, MERN | Real-Time Platforms | Fintech & E-commerce
Results-driven Software Developer with **3 years of experience** building **scalable web applications** and **real-time data platforms** using **JavaScript, React.js, Next.js**, and the **MERN stack**. Skilled in state management, **API integrations** (REST, WebSocket, GraphQL), and frontend **performance optimization**. Strong track record of delivering **robust solutions** in **Fintech** and **E-commerce domains** through cross-functional collaboration and **clean, maintainable code**.

TECHNICAL SKILLS

- Languages & Frameworks: **JavaScript (ES6+)**, **TypeScript**, HTML5, CSS3, **React.js**, **Next.js** (SSR/SSG), **Node.js**, Express.js
- State & Data Management: **Redux Toolkit**, **React Query**, Zustand, Context API, React Router, React Hooks
- Backend & API Integration: **MongoDB**, **RESTful APIs**, **GraphQL**, WebSocket, Axios, Fetch API, WebRTC,
- Styling & UI Libraries: **Tailwind CSS**, Material UI, Bootstrap, Styled Components, **ShadCN UI**, Responsive Design, **Ag Grid**
- Performance Optimization: **Code Splitting**, Lazy Loading, Memoization, Client-Side Caching, Web Workers
- Testing & Code Quality: **Jest**, React Testing Library, Unit Testing, ESLint, Prettier, Lighthouse
- Tools, DevOps & Deployment: **Git**, **Docker**, Bitbucket, **VS Code**, **Cursor**, Postman, Jira, Figma, **Vercel**, **Netlify**
- Core Concepts: Object-Oriented Programming, Data Structures, System Design, Web Security, Clean Code Principles, Agile/Scrum

PROFESSIONAL EXPERIENCE

Software Developer | Finrise, Mumbai

Dec 2022 – Present

- **Engineered** a real-time **Risk Management System (RMS)** to support over **200 concurrent users** and developed the official website for Spectra Global.
- **Architected** responsive, high-performance web applications using **React.js**, ensuring seamless feature delivery and scalability.
- Optimized performance by managing **high-frequency stock data** in “Cosmic RMS” with Redux, **Ag Grid**, React Table, and **WebSocket**, reducing re-renders by **30%**.
- **Implemented** insightful data visualizations with **Chart.js** and **Ag-Grid**, boosting user engagement by **25%**.
- **Drove** key **architectural decisions** for scalable systems, collaborating with UI/UX and backend teams to guarantee seamless **API integration** and a consistent user experience.
- **Championed code quality** and maintainability through rigorous **code reviews**, comprehensive **testing**, and adherence to industry best practices.

PROJECTS

Cosmic RMS – Real-time Trading Platform | [\[Details\]](#)

Built a trading platform to manage Net Positions, Market Watch, Order Logs, and strategy execution for traders

- Customizable **drag-and-drop** dashboards with real-time data streams via **WebSocket**.
- Live-updating tables with dynamic analytics using **Ag Grid**.
- **Real-time graphs** including time series charts, line graphs, and heatmaps using **Chart.js** & **AG Charts**.
- Designed for **scalability and performance** in high-data environments.

Spectra Global – Official Website | [\[Details\]](#) · [\[Live Site\]](#)

Official website for Spectra Global Ltd., an award-winning forex and CFD trading platform.

- **Mobile-responsive**, visually appealing platform to showcase services, tools, and trading instruments.
- Engineered an intuitive **UI/UX** to improve navigation and drive a **25%** increase in user engagement.
- Highlighted key features of the **MetaTrader 5** platform and enabled users to open demo trading accounts.
- Promoted secure, multi-asset trading options including Forex, Indices, Stocks, and Futures.

CodeThrift – Live Code Collaboration Platform (MERN) | [\[Details\]](#) · [\[Live Site\]](#) · [\[GitHub\]](#)

Browser-based editor that syncs code & text across browsers in real time via a shareable URL.

- **Next.js** frontend styled with **ShadCN UI** & **Tailwind CSS** for a crisp, responsive experience.
- **WebSocket**-powered sync with **60s debounce** to minimize server load.
- **Dynamic URLs** like /filename auto-create or join documents, enabling **friction-free multi-user** editing.
- **Node.js + Express API** and **MongoDB (Mongoose)** for persistence and managing **WebSocket** events.

MeetSpace – Real-Time Communication Platform | [\[Details\]](#) · [\[Live Site\]](#) · [\[GitHub\]](#)

A browser-based video conferencing app enabling **real-time voice/video calls** and **screen sharing** using **WebRTC**.

- Implemented low-latency **peer-to-peer communication** using React, Redux, and PeerJS.
- Enabled **multi-user video and voice calls** for seamless group meetings.
- Integrated real-time **multi-user screen sharing** for collaboration and presentations.
- Crafted with Vite, **SCSS**, and **PWA** support for fast performance and smooth user experience.

EDUCATION

Master of Computer Applications (MCA) · Amity University

2024 – Present | India

Bachelor of Commerce (with Computer Applications) · Niranjana Majithia College

2018 – 2021 | Mumbai, India