

SAMMED CHOUGULE

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Frontend Developer with 4+ years of experience building scalable and responsive web applications using React.js, Next.js, and TypeScript. Experienced in enterprise applications, REST API integration, real-time features using WebSockets, and performance optimization.

PROFESSIONAL EXPERIENCE

Nextbrain Technologies Pvt Ltd

Nov 2025 - Aug 2026

Software Developer

- Built a scalable **Visitor Management System** UI, reducing component **render times** by **20%** through optimized **React state management** and **memoization**.
- Implemented **Socket-based** real-time notifications, reducing **alert latency** by **40%** and eliminating the need for manual page refreshes.
- Integrated **Razorpay payment** gateway, enabling subscription-based SaaS plans and increasing successful transaction throughput by **15%**.
- Integrated **REST APIs** through a structured service layer, handling asynchronous data, dynamic UI updates, error states, and frontend-backend communication.
- Engineered interactive **data visualization** components using **Chart.js**, improving data clarity and user engagement for complex **analytical dashboards**.
- Implemented **UI** and **design enhancements** for an AI-powered camera-based detection product, adapting the interface to align with customer requirements and company-specific branding.
- Collaborating with backend developers, QA engineers, and UI/UX teams in an **Agile development** environment, participating in feature development, **debugging**, **code reviews**, and production releases.
- Developed and maintained frontend unit test cases using **Jest**, covering components, utilities, and key application functionality.
- Prepared comprehensive code documentation covering project structure, component architecture, API integrations, data flow, and key implementation details to improve maintainability and onboarding.

City Index Technologies & Trainig Solutions Pvt Ltd

Sept 2021 – Oct 2025

Software Developer

- Developed responsive business applications and supply chain and sales modules using **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **React.js**, **Redux**, and **REST APIs**, progressing from traditional responsive interfaces to reusable component-based applications.
- Engineered interactive dashboards with **Recharts**, reducing data **rendering** time by **30%** for large datasets and enabling seamless **CSV/PDF** exports.
- Worked with **Next.js** and **Tailwind CSS** to build responsive, **SEO-friendly** web applications with reusable components and optimized user experiences.
- Optimized frontend performance and accessibility by implementing semantic **HTML**, **ARIA** practices, and advanced **lazy-loading** techniques, resulting in improved **Lighthouse scores**.

KEY SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frontend:** React.js, Next.js, Redux, Tailwind CSS, Bootstrap, ShadCN UI
- **Architecture & APIs:** REST APIs, WebSockets, Component-Based Architecture, Responsive Web Design
- **Testing:** Jest, Unit Testing
- **Database & Backend:** PostgreSQL, Supabase, SQL
- **Performance:** Performance Optimization, Code Splitting, Lazy Loading, Lighthouse, Web Performance
- **SEO, Analytics & Monetization:** Technical SEO, Google Search Console, Google Analytics, Google AdSense, SEO Performance Optimization
- **Cloud & Deployment:** Vercel, AWS Amplify, AWS Basics
- **AI-Assisted Development:** Claude Code, OpenAI Codex, Antigravity
- **Tools:** Git, GitHub, VS Code, Postman, Chrome DevTools, React Developer Tools

PROJECTS

Stocker | Next.js, TypeScript, Tailwind CSS, Supabase (stocker.co.in)

- Independently developed and maintained a **stock market** analytics platform using **Next.js, TypeScript, Tailwind CSS, and Supabase**, featuring market screeners, interactive charts, market insights, and responsive design.
- **Optimized technical SEO** and sitemap structure, driving a **25%** increase in organic traffic to the Market Mood Index page within three months.
- Integrated **Google Analytics, Search Console, and Google AdSense** to monitor user engagement, analyze organic traffic, and monetize the platform.

OptionChain | Next.js, TypeScript, Tailwind CSS (optionchain.in)

- Independently developed and maintained an **options analytics** platform providing interactive option chains, **Greeks, implied volatility, PCR, max pain, and volume analysis** across NIFTY, BANKNIFTY, SENSEX, and 200+ F&O stocks.
- Built an interactive **Strategy Builder** with multi-leg **payoff visualization**, breakeven analysis, maximum profit/loss calculations, and 37 predefined **options strategies**.
- Designed responsive, data-intensive interfaces and an integrated **learning platform** with **interactive charts** and step-by-step options education to make complex derivatives concepts easier to understand.

EDUCATION

Master of Computer Applications (MCA)
Acharya Institute of Technology, Bangalore

Aug 2019 – July 2021

Bachelor of Computer Science (BSc)
Govindram Seksaria Science College, Belagavi

June 2014 – May 2019