

# MRIGANKA MOUSUM GOGOI

Senior Frontend Developer

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Guwahati, Assam, India | Remote

## PROFESSIONAL SUMMARY

Results-driven Frontend Developer with 4+ years of experience building scalable, high-performance web applications using React, TypeScript, and Next.js. Proven expertise in Core Web Vitals optimization, SEO-focused architectures, and design systems that improve development velocity. Strong track record of leading frontend initiatives from architecture to delivery, with deep experience in AI-integrated applications, real-time systems, and open-source tooling. Passionate about performance, accessibility (WCAG 2.1), and developer experience.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL, Node.js

**Frontend:** React.js, Next.js, Redux, Zustand, TanStack Query, Tailwind CSS, shadcn/ui, CSS Modules

**Performance & SEO:** Core Web Vitals, Server-Side Rendering (SSR), Lighthouse, Google Search Console, Semantic HTML, Structured Data

**Tools & DevOps:** Git, GitHub, Docker, Webpack, Vite, CI/CD, AWS, Google Cloud Platform

**Testing & Quality:** Jest, React Testing Library, Cypress, ESLint, Prettier, WCAG 2.1 Accessibility

**Backend & Data:** PostgreSQL, MongoDB, Supabase, RESTful APIs, Real-time Systems (SSE, WebSockets)

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer (Frontend) | cbmo.ai

Dubai, UAE (Remote) | January 2025 – Present

- Led end-to-end frontend architecture and development for an AI-powered marketing campaign platform, owning component library design, state management patterns, and performance optimization from inception to production.
- Achieved 40% improvement in Core Web Vitals through code-splitting, lazy loading, virtualization, and efficient caching strategies, ensuring sub-2-second load times for optimal UX and SEO crawler experience.
- Implemented SEO-optimized frontend architecture with server-side rendering, semantic HTML, structured data markup, and meta optimization, significantly improving organic search visibility and technical SEO performance.
- Replatformed UI from Bootstrap to shadcn/ui with Tailwind CSS, establishing an accessible, scalable design system that improved visual consistency and development velocity by 35%.
- Integrated and extended a Tiptap-based rich-text editor with custom AI extensions tailored to marketing workflows and brief creation, supporting real-time collaboration features.
- Built streaming AI API integrations (SSE) delivering real-time responses across the application with sub-200ms latency, enabling responsive feedback loops and smoother user experiences.
- Led cross-functional collaboration with backend, AI, and design teams; established coding standards, WCAG 2.1 accessibility compliance, and comprehensive documentation for seamless team onboarding.

### Founding Full Stack Developer | Juiida.com

Guwahati, Assam (Remote) | August 2024 – November 2024

- Built a market sentiment analysis tool using Next.js 14 and TypeScript, integrating real-time data from the Zerodha Kites API to deliver up-to-the-minute market insights with 99.9% uptime.
- Developed a responsive analytics dashboard with Tailwind CSS, featuring interactive charts and data visualizations, supporting 10,000+ daily active users.
- Implemented comprehensive SEO strategy including semantic HTML, meta optimization, structured data, Open Graph tags, and performance enhancements, achieving 85+ Lighthouse scores.
- Integrated Supabase for secure authentication and real-time data management with optimized queries and scalable backend architecture.

### Full Stack Developer (Freelance) | Upwork

Remote | October 2021 – Present

- Delivered high-quality web solutions for 25+ clients, consistently meeting project requirements and deadlines with a 100% client satisfaction rate.
- Built scalable web applications using React.js, Next.js, JavaScript, and TypeScript, handling applications with 50,000+ monthly active users.
- Designed and implemented full-stack solutions including RESTful APIs, database optimization, and cloud deployments (AWS, GCP) across diverse industry verticals.

## FEATURED PROJECT

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### **Tiptap CN (Open Source)** | Node.js (CLI), TypeScript, Tiptap, React, shadcn/ui, Tailwind CSS

2025 – Present

- Developing a CLI-to-UI toolkit that scaffolds rich-text editors and installs extension packs — providing an open-source alternative to Tiptap Cloud with enterprise-grade features.
- Shipping headless and pre-styled editor components (shadcn/ui + Tailwind) with custom AI-assisted extensions for authoring workflows, supporting collaborative editing.
- Adding streaming AI support (SSE) for real-time suggestions, completions, and transformations within the editor, with comprehensive test coverage.
- Focus on WCAG 2.1 accessibility, Core Web Vitals performance optimization, and superior developer experience with pluggable configuration.

## EDUCATION

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### **Bachelor of Technology in Computer Science and Engineering**

Assam Don Bosco University, Guwahati, Assam | July 2017 – July 2021