NIRJHAR SARKAR
Full Stack Web Developer

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in LinkedIn • ○ GitHub • ⊕ Portfolio

PROFESSIONAL SUMMARY

Performance-driven Full Stack Developer with 1+ years of experience specializing in high-performance web applications using React.js and Node.js. Proven track record of delivering 10+ end-to-end projects with a focus on scalable architecture, type-safe development, and 95%+ data accuracy in automated systems.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3/SCSS
- **Frontend:** React.js, Next.js (SSR/SSG), Redux Toolkit, Context API, Tailwind CSS, Material-UI, Shadcn UI
- **Backend:** Node.js, Express.js, RESTful API Design, JWT Authentication, Web Scraping (Cheerio)
- **Database:** MongoDB (NoSQL), PostgreSQL (SQL), Firebase, Cloudinary API
- **Tools:** Git/GitHub, Vercel, Postman, Agile Methodology

PROFESSIONAL EXPERIENCE

Full Stack Web Developer — Webliverse Freelance (Remote)   **Feb 2024 - Nov 2024**

- Engineered and deployed 10+ production-ready full-stack applications using MERN stack and TypeScript, consistently meeting 100% of client deadlines.
- Optimized application state management using Redux Toolkit, reducing component re-renders and improving frontend performance by approximately 30%.
- Developed secure, scalable RESTful APIs with Express.js, facilitating seamless integration for third-party services and ensuring 99.9% uptime for client platforms.

Junior Full Stack Developer — Aventilysi (Howrah, WB)   **March 2023 - August 2023**

- Scaled an e-commerce platform by implementing modular React components, resulting in a 20% increase in mobile user engagement.
- Streamlined data handling by designing optimized MongoDB schemas and Node.js middleware, reducing API response times by 150ms.
- Collaborated on cross-functional UI/UX audits to resolve 50+ responsiveness issues across legacy browser environments.

KEY PROJECTS

Cool-Crawler - Web Scraping Application — *Node.js, Express.js, Cheerio, React.js, MongoDB* (GitHub • Demo)

- Built a robust extraction engine achieving 95% data accuracy; implemented a MongoDB backend to manage and query large datasets efficiently.

Imaginary - Image Processing Platform — *React.js, Next.js, Cloudinary API, Tailwind CSS* (GitHub • Demo)

- Leveraged Next.js Server-Side Rendering (SSR) to enhance SEO and integrated Cloudinary for real-time, high-speed image transformation and storage.

AI Chat Bot - Real-time Application — *Next.js, TypeScript, Firebase, Shadcn UI* (GitHub • Demo)

- Developed a type-safe, real-time messaging interface with 100% TypeScript coverage, utilizing Firebase for instant data synchronization and user authentication.

EDUCATION & CERTIFICATIONS

Bachelor of Arts in History   University of Calcutta (2019-2022)
Certifications: Full Stack Web Development (Udemy), JavaScript Algorithms (FreeCodeCamp).