

# NIRJHAR SARKAR

## Full Stack Web Developer

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

### PROFESSIONAL SUMMARY

Full Stack Web Developer with 1+ years of experience building robust web applications using React.js, Node.js, JavaScript, and TypeScript.

### TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML5, CSS3
- **Frontend:** React.js, Next.js, Redux, Redux Toolkit, Context API, React Router, Tailwind CSS, Material-UI, Shadcn UI
- **Backend:** Node.js, Express.js, RESTful APIs, API Integration
- **Database:** MongoDB, PostgreSQL, Firebase
- **DevOps & Tools:** Docker, Docker Compose, CI/CD (GitHub Actions), Git, Drizzle ORM
- **Security & Testing:** JWT Authentication, Helmet, Arcjet, Jest, Supertest, Privacy Engineering
- **Browser APIs:** Chrome Extension APIs, Web Audio API, Local Storage, Content Scripts, Background Services

### PROFESSIONAL EXPERIENCE

#### Full Stack Web Developer — Webliverse freelance (Remote) Feb 2023 - Nov 2025

- Architected and delivered 10+ full-stack web applications using MERN stack and TypeScript with responsive, mobile-first UIs.
- Designed and implemented scalable RESTful APIs with Redux Toolkit state management for seamless client-server communication.

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

- Developed e-commerce platform features including product catalogs and shopping carts using React.js and authored reusable components.
- Built and maintained backend REST API endpoints with Node.js/Express.js and managed MongoDB data schemas for optimal performance.

### KEY PROJECTS

#### AllmightyAPI - Production-Ready REST API — *Node.js, Express.js, PostgreSQL, Docker, Drizzle ORM* ([GitHub](#))

- Developed secure containerized REST API with JWT authentication, RBAC, and Docker multi-stage builds achieving 60% image size reduction.
- Integrated Neon PostgreSQL with Drizzle ORM, automated CI/CD via GitHub Actions, and implemented Arcjet security for bot detection and rate limiting.

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

- Built server-side rendered image processing app with Cloudinary API integration for real-time manipulation, filters, and transformations.
- Implemented drag-and-drop uploads, batch processing capabilities, and responsive UI using Tailwind CSS for optimal user experience.

#### Elden Overlay - Privacy-Focused Browser Extension — *JavaScript, Chrome Extension APIs, Web Audio API* ([GitHub](#))

- Engineered privacy-first browser extension with 100% local processing, zero network activity, and sensitive page protection for banking and auth pages.
- Implemented Web Audio API with lazy loading, content script injection system, and 24-hour session management using Chrome Storage API.

### EDUCATION & CERTIFICATIONS

**Bachelor of Arts** University of Calcutta (2019-2022)

**Certifications:** [Full Stack Web Development \(Udemy\)](#), JavaScript Algorithms (FreeCodeCamp).