Sayan Senapati

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Profile

A passionate Fullstack Developer with creative thinking and a keen eye for sleek design. Excels in both development and design to create seamless and intuitive user experiences. The combination of passion for design, code, and interaction positions me uniquely in the web development world. Always on the cutting edge, helping brands stand out in the digital era with elegant and efficient solutions.

Education

Narula Institute of Technology, BTech in Computer Science (Lateral Entry) – 2nd Year — 2025 – 2028

The Calcutta Technical School, Diploma in Computer Science — 2022 – 2025
- Sem1: 79.8% (8.0 GPA), Sem2: 66.0% (7.1 GPA), Sem3: 75.9% (7.9 GPA)
- Sem4: 79.3% (8.2 GPA), Sem5: 73.4% (8.2 GPA), Sem6: 81.3% (8.9 GPA)

Work Experience

Freelance Web Developer, Studio Rec 60 Sec Private Limited — Dec 2024 – Jun 2025
- Architected and developed a comprehensive Meteor.js-based web application with React and Tailwind CSS for audio content creation
- Implemented modular, scalable architecture enabling features like earnings calculation, project management, and success story showcases
- Developed Next.js frontend with advanced GSAP animations for enhanced user experience and interactivity
- Built end-to-end audition management system with real-time notifications, audio file validation, and intuitive dashboards
- Designed seamless talent selection workflows connecting clients and creators efficiently

Freelance Web Developer, Punamiya Jewellers — Jun 2025 – Jul 2025
- Developed a dynamic and elegant jewelry e-commerce website using Next.js, TypeScript, Tailwind CSS, and shadcn/ui component library
- Integrated smooth animations and transitions using GSAP and Framer Motion for an engaging user experience
- Engineered a responsive and accessible UI, optimizing for performance across mobile and desktop devices
- Managed full-stack deployment pipeline—acquired domain via GoDaddy, configured DNS, and hosted the site on BigRock's Linux server
- Implemented SEO best practices, ensuring optimal search engine visibility for increased reach and discoverability

Featured Projects

Cal AI - Smart Nutrition Tracker *[Mobile App]* — Mar 2025 – Apr 2025
- Cross-platform mobile app for instant food macro and calorie analysis through image recognition
- Leveraged React Native, Expo, and Gemini API for accurate nutritional data extraction
- Implemented camera integration and gallery access with NativeWind styling

NotesLocker – Privacy-First Notepad *[Open Source]* — Oct 2024 – Feb 2025
- Lightweight, secure note-taking web app with zero-knowledge architecture ensuring complete data privacy
- Key features include password protection, auto-save, dark mode, offline access, and no login requirement
- Developed using React and Firebase with a focus on privacy, simplicity, and user customization
- Website: noteslocker.vercel.app, GitHub: senapati484/NotesLocker

Toastonstaroid – Custom Toast Notification Library *[npm Package]* — Jul 2025 – Present
- Published a sleek, animated toast notification library for React with GSAP-powered transitions and modern UI

- Built with TypeScript, Tailwind CSS, and shadcn/ui for maximum developer flexibility and visual consistency
- Integrated customizable variants including success, error, warning, and info, with support for 'fire()' and 'rain()' styles
- Achieved 500+ downloads within the first week of release; actively maintained and open-sourced on GitHub
- Website: toastonstaroid.vercel.app, GitHub: senapati484/toastonstaroid, npm: toastonstaroid

AI-Powered Travel Planner *[Production Ready]*   Jul 2024 – Aug 2024

- Full-stack travel planning SaaS with intelligent itinerary generation using Gemini AI/ML model
- Integrated Google Maps API, Firebase Authentication, and real-time data synchronization
- Deployed production-ready application with responsive design and optimized user experience

Today I Learned - Knowledge Sharing Platform   Sep 2024 – Oct 2024

- Social learning platform enabling knowledge sharing across diverse fields and topics
- Developed with React, Supabase, and Tailwind CSS for seamless user interaction
- Implemented real-time content management and responsive design patterns

ToDoList PWA - Cross-Platform Task Manager   Sep 2024

- Progressive Web App with native mobile capabilities and offline functionality
- Local storage implementation for privacy and performance optimization
- Installable on Android and iOS with home screen integration
- Website: todo-list-6.vercel.app

Hackathons & Competitions

Binary-KGEC – *Disaster Management Solution*   Mar 29, 2025 (36hr)

- Developed comprehensive disaster management application with interactive mapping
- Features: Real-time alerts, AI chatbot integration, email notification system
- Stack: React, Firebase, AI APIs for emergency response coordination
- Website: disaster-manager.vercel.app but now working properly because of 10sec function rule of vercel.

Hack4Bengal – *Web3 Job Platform*   Apr 20, 2025 (48hr)

- Skilotav: Blockchain-based job application platform with credential wallet system
- Integrated Web3 technologies for secure, decentralized professional profile management
- Technologies: React, Web3.js, AI integration, Firebase backend

Technical Expertise

Languages: JavaScript, TypeScript, Python, Java, C, C++, HTML5, CSS3

Frontend: React.js, React Native, Next.js, Tailwind CSS, GSAP, Responsive Design

Backend: Node.js, Express.js, Meteor.js, RESTful APIs, Serverless Architecture

Databases: Firebase, Supabase, MongoDB, MySQL, Real-time Data Sync

AI/ML & APIs: Gemini API, Google Maps API, AI/ML Model Integration, Computer Vision

Tools & Platforms: Git, GitHub, Vercel, Expo, Web3.js, PWA Development

Languages: English (Professional), Bengali (Native), Hindi (Conversational)