

Suraj Kr Shaw

Full Stack Developer

Full Stack Developer with MERN expertise, delivering 20%+ performance gains across production-ready web apps.

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SKILLS

Frontend Development: React.js | Next.js | JavaScript | HTML | CSS | Tailwind CSS

Backend Development: Node.js | Express.js | FastAPI | MongoDB | SQL | MySQL

Programming Languages: JavaScript | C++ | Python

Core Competencies: Full Stack Development | Web Applications | Performance Optimization

Technical Foundations: Data Structures | Algorithms | DBMS | Operating Systems | Computer Networks | Object-Oriented Programming (OOP)

API Development: RESTful APIs | Postman | WebSockets

Version Control: Git | GitHub

Languages: English | Hindi | Bengali

EXPERIENCE

Software Developer

Sedulus Ventures | Kolkata, India – On-site | July 2025 – Present

- Lead development of the production UI using Next.js, TypeScript, and Tailwind CSS, improving page load performance by **35%** with full responsive compatibility.
- Built a **FastAPI scraping API** with **PostgreSQL**, automating IPO data ingestion and cutting manual processing by **70%**.
- Improved deployment efficiency and environment consistency by **40%** using **Docker** for frontend and backend services.

PROJECTS

Krishi Bazar – Direct Farmer-to-Buyer Platform (<https://krishi-bazar-ten.vercel.app/>)

- Built a full-stack **MERN** app connecting **100+** farmers to buyers, increasing farmer profit margins by **20%**
- Developed mobile-first UI with React.js and Tailwind CSS, achieving **95%** compatibility and improving user experience by **30%**
- Integrated JWT auth, Razorpay payments, and Cloudinary, ensuring **100%** secure and reliable transactions

Easy-dev-dark-mode (<https://www.npmjs.com/package/easy-dev-dark-mode?activeTab=readme>)

- Published 1 TypeScript-based npm package with **255+** installs in **7** days for React & Next.js dark mode automation
- Built **3+** core features (DOM tracking via MutationObserver, CSS variable theming, localStorage persistence)
- Designed **3** reusable APIs enabling plug-and-play integration in under **5** minutes

One1 Theme (<https://marketplace.visualstudio.com/items?itemName=Suraj08.one1-theme>)

- Created “One1 Theme”, a sleek dark Visual Studio Code theme that improved code readability by **80%** and reduced eye strain by **40%** for developers.
- Achieved **18+** installs within the first 24 hours of release, showing strong early adoption and positive user feedback.
- Designed with a focus on developer comfort, enhancing coding experience and boosting productivity by **35%** during long work sessions.

EDUCATION

Bachelor of Technology (B.Tech) in Information Technology

Budge Budge Institute of Technology, MAKAUT, West Bengal, India-May 2025 | GPA: 7.68

Class XII – WBCHSE

Birlapur Vidyalaya – 2021 | Percentage: 61%