SOURAV PAITANDY

Full Stack Developer | MERN Stack Specialist

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PROFESSIONAL SUMMARY

MERN stack developer with 2+ years of experience building scalable, real-time applications like CollabHub and DrawSync. Proven ability to design responsive UI/UX and optimize performance across web platforms. Skilled in client collaboration, deployment, and delivering polished products in production environments.

EDUCATION

NSHM Knowledge Campus, Durgapur (MAKAUT Affiliated)   **Durgapur, West Bengal**
Bachelor of Technology (B.Tech) in Computer Science & Engineering   *Expected Graduation, July 2026*
Core coursework: Data Structures, Software Engineering, Operating Systems, Computer Networks

SKILLS

Languages: JavaScript (ES6+), Java, Python, C, SQL, Basic TypeScript
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Redux
Backend: Node.js, Express.js, MongoDB, RESTful APIs, WebSocket, WebRTC
Tools: Git, GitHub, Postman, VS Code, Agile, Vercel, Liveblocks
Others: Framer Motion, Responsive Design, Jest (basic)

EXPERIENCE

Freelance Web Developer | Remote | [Github]   **June 2025 – Present**
Client: Jagjit Kaur Fashion Brand (jkbyjagjitkaur.com)

- Delivered a **fully responsive** fashion e-commerce platform for a **real client** using **Next.js**, **Tailwind CSS**, and **Firebase**
- Developed secure **admin panel** with **access control**, **password management**, and **dynamic content control**
- Integrated **product search**, **category filtering**, **homepage slider**, and **WhatsApp chat feature**
- Deployed with **Vercel** and **GoDaddy** domain; ensured **SEO optimization** and mobile responsiveness
- Collaborated directly with the client on **feedback iterations** and visual branding improvements

TECHNICAL PROJECTS

CollabHub | *Next.js, React, Node.js, Express.js, MongoDB, WebSocket, Tailwind CSS*   **Live   Code**
Built a developer-focused **real-time** team collaboration platform using **WebSocket** & **MERN**.

- Built a **task-sync** platform for developers with **GitHub integration**, **real-time drag-drop** task board, and user prioritization
- Achieved **<200ms** sync latency; optimized backend performance **by 35%** after complete system rebuild

VoxAI Assistant | *React.js, Tailwind CSS, Google Gemini API, Web Speech API, HTML5 Canvas, Vite*   **Live   Code**
Voice assistant web app powered by Gemini API & Web Speech.

- Built a **multilingual voice-first** assistant with **TTS**, **voice selector**, and interactive UI powered by **Gemini API**
- Enhanced engagement using subtle animations and **responsive voice** interaction system

DrawSync | *Next.js, React, Tailwind CSS, HTML Canvas, Liveblocks, WebSocket*   **Live   Code**
Canvas-based drawing app enabling multi-user sketching, object manipulation, and exports.

- Engineered **infinite canvas** with pan/zoom, **real-time** drawing sync, **object manipulation**, and **export** options
- Optimized **rendering loop** to support **high-FPS** experience across devices

CERTIFICATIONS & ACHIEVEMENTS

- **J.P. Morgan** Software Engg. Simulation (Forage) • [Certificate] – Built internal bug-fix tools and followed Agile workflows
- **5★ Java**, HackerRank [(Profile)] | **200+** DSA problems solved across **LeetCode**, **HackerRank**, **CodeStudio** (Coding Ninjas)
- **100+** GitHub commits (2024–25) | **20+** public repositories

Available for full-time, internships and freelance roles. Updated: July 2025