SAURABH TIWARI

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PROFESSIONAL SUMMARY

Software Engineer with 2+ years of experience building scalable web applications using React, TypeScript, and Node.js. Expertise in real-time dashboards, WebSocket communication, and Server-Sent Events. Strong full-stack foundation focused on high-performance, user-centric solutions.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, PHP, HTML5, CSS3, SQL
Frontend: React.js, Next.js, React Native, Redux, Tailwind CSS, GSAP, Three.js, Bootstrap
Backend: Node.js, Express.js, REST APIs, JWT Authentication, WebSocket, SSE
Databases: MongoDB, MySQL, PostgreSQL, Firebase
Tools & CMS: Git, Docker, Jira, WordPress, WP Bakery, Custom Plugin/Theme Development
Other: SEO Optimization, Twilio, Stream.io, RapidAPI, Ethers.js, Tesseract.js

PROFESSIONAL EXPERIENCE

Associate Software Engineer   Apr 2024 – Present
Our World Energy   Phoenix, Arizona, USA (Remote)

- Architected company dashboard using **React TypeScript**, improving data visualization efficiency by 40% through Recharts
- Integrated **WebSocket** with Twilio API for real-time messaging, serving 1000+ daily users with sub-second latency
- Implemented **Server-Sent Events (SSE)** for dynamic database sync, eliminating manual refreshes and reducing server load by 30%
- Collaborated with cross-functional teams using Agile methodologies and Jira for on-schedule delivery

MERN Stack Developer   Dec 2023 – Mar 2024
Voomp Technologies LLP   Kolkata, India

- Engineered data persistence with **React Redux** and local storage for seamless cross-session user interactions
- Built comprehensive admin panel with full **CRUD operations** for efficient content management
- Implemented secure OTP-based authentication using **Node Mailer**, enhancing security for 500+ users

Full Stack Developer   Apr 2023 – Nov 2023
Sofodel   India

- Built interactive SPAs using **React.js**, delivering responsive web experiences across all devices
- Developed RESTful APIs with **Node.js**/**Express**, handling 10,000+ daily API requests
- Created optimized WordPress solutions, improving SEO and page load times by 25%

Software Development Intern   Oct 2023 – Dec 2023
Probtosoft Technologies   Maharashtra, India

- Conducted comprehensive software testing, identifying and resolving 50+ bugs in production code

EDUCATION

Bachelor of Technology in Computer Science   2020 – 2024
Rajkiya Engineering College, Sonbhadra

PROJECTS

Talent IQ – Real-Time Interview Platform   *MERN Stack, Stream.io*
- Built a **Stream.io-powered** real-time interview platform with video calls, screen sharing, chat, and reactions

AI-Summarizer   *Vite, React.js, Redux, Tailwind CSS*
- Developed an **AI-powered article summarizer** with RapidAPI integration for real-time URL-based content summaries

Apple Mac Store – 3D Interactive Website   *React.js, Three.js, GSAP*
- Created a **3D Apple MacBook website** with interactive animations and immersive UX using Three.js and GSAP

NEXUS – Web3 DeFi Dashboard   *React.js, Ethers.js, Recharts*
- Built a full-featured **Web3 DeFi platform** with wallet integration, token swapping, NFT gallery, and staking pools

SCAN→AI – OCR Camera Tool   *JavaScript, Tesseract.js, OpenAI API*
- Developed a PWA that captures text via **phone camera OCR** and integrates with ChatGPT for instant analysis

KEY ACHIEVEMENTS

- Reduced dashboard load time by 45% through code optimization and lazy loading implementation
- Delivered 10+ production-ready features within tight deadlines at Our World Energy
- Active contributor to code reviews maintaining high code quality standards