Tarun Sahnan

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Skills

- **Languages**: JavaScript, TypeScript, HTML, CSS, Kotlin, C++
- **Frontend**: React.js, Next.js, Vue.js, Tailwind, Material UI, PrimeVue, Three.js, Storybook, MindAR
- **Backend**: Node.js, Express.js, MongoDb, Spring Boot
- **DevOps/CI/CD Tools**: Github Actions, AWS
- **Testing Tools**: Jest, Vitest, Playwright, Cypress

Experience

STAGE, *Software Engineer - Frontend*   07/2024 – present
- **Solely developed the entire frontend** of the **STAGE website**, built using Next.js with server-side rendering (SSR) for improved performance.
- **Shipped a Samsung TV App**, reusing the web codebase with remote navigation for TVs.
- Built the watch page using **HLS protocol** for **adaptive video streaming** based on user bandwidth, ensuring smooth playback across devices.
- Migrated hosting from **Vercel to AWS Amplify**, reducing costs by **90%**.
- Implemented **E2E and integration testing** to ensure platform stability and maintainability.
- Improved **Largest Contentful Paint (LCP)** from 7s to 4s, significantly enhancing page load performance.
- **Enhanced SEO,** enabling content discoverability via Google search.

Liberin Technologies, *Software Engineer*   06/2023 – 06/2024
- Built a high-performance **Vue3** dashboard using **Vite**, **TypeScript**, **Tailwind CSS**, and **Vitest**.
- Created a **NPM package** supporting **different types of** logins for consistent auth across projects.
- Increased **test coverage** from 35% to 83% in a legacy project, improving reliability.
- Enhanced a **custom UI library** with dynamic components and **Storybook**-driven testing.
- Upgraded a **Vue2** dashboard for seamless cross-platform use.
- **Designed and implemented Node.js API services** and a **JavaX** web server with RESTful endpoints.

Krishify, *Software Engineer Intern*   07/2022 – 05/2023
- Developed "**Bhumi**," **India's first Agri AI Chatbot**, built in React within a 48-hour hackathon.
- Built a highly responsive and scalable **React-based E-Commerce platform**, actively used by 1 Cr+ farmers.
- **Optimized Android app** using **Kotlin**, enhancing performance and UX.

BrainOP Technologies, *Frontend Developer Intern*   05/2022 – 07/2022
- Solely developed the Mapmox dashboard frontend using **React.js**.
- Integrated **Chart.js** to visualize data through dynamic and interactive charts.
- Collaborated with **UX/UI design teams** to enhance user experience and interface consistency.

Projects

Spotify Clone, *(https://tarunsahnanspotify.netlify.app/)* 🔗   05/2023 – 05/2023
- Created a user-friendly interface resembling Spotify's main features.
- Organized the code using **React's** component system for easier maintenance and scalability.
- Ensured the website works well on any device by making it **responsive**.
- Integrated **GraphQL** to smoothly fetch data from Spotify's API.

Education

Lovely Professional University, *B.Tech*   07/2019 – 06/2023 | Phagwara, India
CGPA 8.54

Swami Sant Dass Public School, *Intermedia PCM*   04/2017 – 04/2019 | Phagwara, India
93%