

Hrithik Dutta

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PROJECTS

SketchStream.io | *React, Next.js, TypeScript, Tailwind CSS, Shadcn UI, Convex, Kinde Auth* February, 2024

- Developed SketchStream.io, a collaborative platform like **Eraser.io**.
- Utilized **Next.js, React.js, Tailwind CSS**, and **TypeScript** for dynamic frontend to enable **real-time document editing** and **whiteboard drawing**.
- Integrated **Convex database** for efficient data storage and retrieval.
- Implemented **SaaS model with free and paid tiers**, offering **50+ document** and **30+ whiteboard features**.

[Live Link](#) [Github Code](#)

Code-Sniper | *React, Tailwind CSS, Shadcn UI, Zustand* Sep. 2023

- Engineered a fully functional **Ray.so** clone using **React, Tailwind CSS, Shadcn UI, Zustand, Highlight.js, React Simple Code Editor, HTML to Image, React Hot Toast, Resizable, and Vite** technologies.
- Implemented **10+ elegant themes**, including both **light and dark themes**, for a visually appealing and customizable user experience.
- Incorporated **12+ font styles** to enhance code snippet presentation, ensuring a wide range of popular choices.
- Enabled **broad language support** with **auto-detection** and **syntax highlighting**, **multiple export options**, and extensive customization features, including **font size, padding, and background adjustments**.

[Live Link](#) [Github Code](#)

Velocity-XD | *React, Tailwind CSS, TypeScript, and Framer Motion* Jan. 2024

- Crafted an intuitive and visually pleasing **React-based speed typing application**, emphasizing simplicity and user-friendly design. Leveraged **Tailwind CSS** to ensure a clean and responsive user interface, enhancing the overall **user experience**.
- Implemented **TypeScript to enhance code maintainability** and catch potential errors during development, ensuring a robust application.
- Utilized the **Framer Motion library** for smooth **animations**, adding a dynamic and visually appealing aspect to the typing experience.
- Displayed **real-time statistics** including **accuracy, words typed, errors, and words per minute (WPM)**, empowering users to track and improve their typing skills.

[Live Link](#) [Github Code](#)

Culinary Explorer | *React, Next.js, and Tailwind CSS, Google Maps API, Google Places API* Sep 2023

- Developed a responsive web app using **React and Next.js** for a smooth user experience.
- Integrated **Google Maps API and Places API** for detailed restaurant information, including **location and ratings**.
- Implemented **dynamic filters** for refining results by **cuisine, area radius, and star ratings**.
- Provided **real-time distance** details, enabling informed decision-making. Users can easily access **Google Maps** for seamless directions. Ensured privacy and access control using **Next-Auth for authentication**.

[Live Link](#) [Github Code](#)

EDUCATION

Techno International Batanagar 2020 - 2024
B.Tech Computer Science *Current GPA:9.5*

SKILLS

Languages: C, C++, JavaScript, TypeScript, HTML, CSS.

Tools: Git, GitHub, VS Code, Vercel, Figma.

Frameworks and Others: Next.js, Node.js, SupaBase, Firebase, MongoDB, PostgreSQL, Express.js.

Libraries: React, Tailwind CSS, Shadcn UI, Material UI, Redux Toolkit, Zustand, React Query, Framer motion.