

Rushaan Pai

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Profile

A second-year computer engineering student with a keen interest in full-stack web development, machine learning, and UI/UX designing. Proficient enough in programming languages and frameworks, with a drive to explore and master emerging technologies in the above fields. Eager to contribute to innovative projects while working in a team and thus aiding them. My dedication lies in continuously enhancing my expertise and staying abreast of the latest advancements in technology to remain relevant in the dynamic field of software development. For the time being, I am well versed with HTML,CSS,JavaScript and ReactJS when it comes to Frontend Web Development. On the other hand, when it is about UI/UX designing, I work on Figma.

Skills

Frontend web development

● ● ● ● ●

(HTML, CSS, Bootstrap, JavaScript, ReactJS)

UI/UX designing

● ● ● ● ●

(Figma)

Core Skills

● ● ● ● ●

(Data Structures and Algorithms, DBMS, Operating System)

Machine Learning

● ● ● ● ●

Technical Aspects

Programming Languages

C, Java, Python, SQL, JavaScript, TypeScript

Libraries And Framework

Express.js (yet to work on it), React.js

Database

MySQL

Projects

E-Commerce Website (Clothing) [🔗](#)

A Clothing Store website made using ReactJS and CSS.

Implemented 3 different sections for Men,Women,Kids and an 'Add to Cart' section. It calculates the total cost of all the items that are added to the cart. Made the user interfaces responsive and intuitive using ReactJS

Coffee Shop Website [🔗](#)

A Coffee Shop website made using HTML, CSS and JavaScript.

It includes 6 sections : Home, Menu, Services, Contact, Login/SignUp and Cart all of which are responsive. The user gets to know more about the coffee i.e it's history, origination, calorie%,fat% etc, thus allowing the user to order as per his/her needs

Currency Conversion App [🔗](#)

A web-app made using HTML,CSS,Javascript, REST APIs.

This app shows the live exchange rates and thus converts any given amount of money of a particular currency into another country's currency. The UI/UX is designed in such a way that if the user changes the country, the flag besides it also gets changed since we have implemented APIs

To Do List App

A web-app made using HTML,CSS,JavaScript.

The user can use this app to note down the tasks he/she wants to complete. The user can checkmark once the task is done and can delete any unwanted task mentioned. Apart from this the data gets stored in the backend. As a result, the data is not lost even if the page is closed or refreshed.

Rock-Paper-Scissors Game

Game based on HTML, CSS, JavaScript.

A basic rock-paper-scissor game between a user and the computer. The computer generates a random choice every turn since we used the function Math.floor() and Math.random(). The scoreboard gets updated after every turn. In case of a draw, "game was a draw", gets displayed on the screen.

Portfolio UI/UX Design

In my portfolio created using Figma, I utilized wireframes as visual guides to outline the structure of each page. I also employed features like components, prototyping, and vector editing to streamline design iterations, ensuring a cohesive and responsive user experience.

Headphone Company UI/UX Design

A four page UI/UX design of a headphone company.

In my above mentioned UI/UX project on selling headphones, I crafted a sleek, intuitive design using Figma. Wireframes established a clear structure, while interactive prototypes ensured seamless user experience. The layout prioritized visual appeal and easy navigation, enhancing user engagement. Appropriate images were placed in boxes as and when required. The pages were as follows : Homepage, Product Details, Checkout, Confirmation.

Pong-Bat Game

Game based on Machine Learning.

We imported libraries and frameworks such as numpy and CV for this project. This game which is similar to table tennis can be played using our hand gestures since our hand gets detected and plays the role of a Bat. This was possible because of Computer Vision.

Interests

- Full Stack Web Development
- UI/UX Designing
- Machine Learning

Education

SVKM's Dwarkadas J. Sanghvi College of Engineering

CGPA : 8.43

Mindsetters Institute

CET : 98.85%ile

JEE Mains : 88.6%ile

Swami Vivekanand International School

SSC : 95.40%

Organizations

DJS Synapse, *Event Manager and Associate of Public Relations*

DJS NSS, *Organizing Committee Member*

DJS Trinity, *Marketing Co-Committee Member*