

Sarrthi Jasrotia

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FULL STACK DEVELOPER

Coding combines my two passions: my creativity I've honed for 12 years in visual arts and my love for solving technical problems that I developed through five years in robotics. I was elected and led TSA (Technology Student Association) as president for 3 years, overseeing coding, architectural design and robotic projects for a group of 100+ student competitors. Additionally, I've competed at state and national levels of VEX robotics and animatronics in TSA, as well as completed college courses in the field of computer science. Now I'm thrilled to use those skills to make secure and beautifully designed fullstack applications.

TECHNICAL & INTERPERSONAL SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, MongoDB, JSON, EJS

Libraries and Frameworks: React.js, Next.js, Express.js, Django, JQuery, Tailwind, Bootstrap, Google Firebase

Databases and other: PostgreSQL, MongoDB, Google Firestore, RESTful Routing, JSON API

Interpersonal skills: Problem Solving, Logical reasoning, Adaptability, Discipline

TECHNICAL PROJECTS

Food@Home | [App Link](#) | [GitHub](#) | [OpenAI](#) | [React](#) | [Google Firebase](#) | [Express](#) | [CSS](#)

Food@Home is a mobile friendly web application that generates recipes from ingredients you already have using AI

- Cloud database to collect and secure user authentication data from the Google Sign-in made using Google Firebase
- Full CRUD functionality allowing users to add, delete and select ingredients to the Cloud Firestore NoSQL database
- Using OpenAI to create a recipe by sending it a prompt made using ingredients selected by the user
- Progress Bar and a level up system that reflects the amount of days the user cooked at home

CoTeach | [App Link](#) | [GitHub](#) | [React](#) | [MongoDB](#) | [Express](#) | [CSS](#) | [Google Firebase](#)

CoTeach is a web application that allows teachers across the world access to video lessons and classroom resources

- Added authorization using Google Firebase which restricts access to certain parts of the app depending on the role of the person logged in
- Created CRUD functionality allowing users to upload and delete lessons
- Integrated collection of lessons on the front page with built in video players and thumbnails using React-player based on the video urls entered by the user
- Incorporated a note taking feature using MongoDB and React, allowing users to take notes in real time and access them retroactively

ITravelYNot | [App Link](#) | [GitHub](#) | [Javascript](#) | [JQuery](#) | [CSS](#) | [HTML](#)

ITravelYNot is a web application that allows users access to general travel information such as weather, nearby lodging, eating and entertainment options from around the world based on the destination inputted by the user

- Manipulated information using DOM to display the requested information
- Incorporated weather and FourSquare Travel API to allow users to access travel and weather information from around the world
- Created individual tabs for different results such as lodging, weather, restaurants and entertainment so the user can access all the different information simultaneously side by side without having to leave the site

EXPERIENCE

Crimson Heights, Secretary/ Receptionist

Houston, TX, 06/2021- Present

- Keep and organize patient records and appointments, answer client questions and direct phone calls as needed.

EDUCATION

General Assembly

Remote, Certificate Expected: 10/2022

Full-stack software engineering 450+ hour program.

