

# Rajinder Singh Sodhi

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## WORK EXPERIENCE

### Full Stack Developer

(April 2024 - Present)

#### Humanli.ai – Jaipur, Rajasthan

- Led the development of **Gen AI** products, focusing on scalable and efficient web applications, utilizing **RxJS** for **handling asynchronous data** and enhancing the **responsiveness** of the frontend..
- Developed scalable **REST APIs** to handle requests for **AI-generated** content from **LLM models** and deliver it to the frontend, ensuring efficient data flow and seamless user interactions.
- Designed and implemented **authentication** systems, integrating **mobile OTP verification** for secure user access, and implemented **Razorpay** integration for handling secure payment processing.
- Integrated **MathJax** and **Markdown libraries** for rendering LaTeX and Markdown content on the frontend, ensuring smooth and accurate representation of complex data.
- Implemented **WhatsApp automation** integrated with the backend database, automating message delivery based on predefined conditions and improving user engagement.
- **Angular, Tailwind CSS, Angular Material UI, Rxjs, Flask, Firebase, REST APIs, MathJax, Razorpay.**

## PROJECTS

### Pragyan AI (Humanli.ai)

(September, 2024 - Present)

**Description:** Developed an AI-powered platform for **NEET** and **JEE** aspirants, providing personalized educational content and assessments.

- Built a **dynamic UI** with **Angular, Tailwind CSS** and **Angular Material UI**, integrating MathJax and Markdown for rendering complex content.
- Implemented **text-to-speech**, **speech-to-text**, topic-wise tests, and AI-generated reports for interactive learning; integrated **Razorpay for payments** and **mobile OTP verification for authentication**; and implemented **real-time notifications**.
- **Angular, Angular Material UI, Tailwind CSS, Flask, Firebase, REST APIs, Razorpay, and MathJax.**

### Real-time Chat Web Application

(March 2024 - April 2024)

**Description:** Developed a **real-time chat web application** with key features like **friend addition**, **user search**, and **text/photo messaging** to enhance communication and user interaction.

- Utilized **React.js** to build a responsive and dynamic frontend, ensuring smooth user experience and quick updates. Integrated **Firebase** for **real-time data synchronization** and **user authentication**, allowing users to securely sign in and instantly receive message updates.
- Implemented **Socket.io** for **real-time messaging**, ensuring low-latency and immediate message delivery between users.

## SKILLS

- Frontend: **Angular, Rxjs**, Angular Material UI, Tailwind CSS, Bootstrap
- Backend: **Flask, Express, Nodejs**, Firebase
- Database: **Firestore, MongoDB**
- Programming Languages: **Java**, Javascript, Typescript, **Python**
- Core Subjects: Operating System, Computer Networks, **DBMS**

## EDUCATION

- BE CSE | Chandigarh University, Mohali Punjab (August 2020 - June 2024)
- XII (JKBOSE) | Boys Higher Secondary School , Pulwama J&K (March 2019 - January 2020)
- 10th (JKBOSE) | Guru Nanak Public School, Pulwama J&K (March 2017 - January 2018)