Rajinder Singh Sodhi

7006191615 | rajindersodhi181@gmail.com | LinkedIn | GitHub

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.
- Built and deployed an **LLM-based WhatsApp Sales Bot using Next.js and Twilio**, enabling AI-powered customer interactions and **automated responses.**
- Implemented **CI/CD pipelines using Docker and Azure**, streamlining deployment workflows and ensuring consistent delivery across environments.
- **Angular**, **Reactjs, NextJs,** Tailwind CSS, Angular Material UI, **Rxjs**, **REST APIs**, MathJax, **Razorpay, Flask**, Firebase**, Docker, Azure, CI-CD pipelines**.

SKILLS

- **Frontend**: Angular, React.js, Next.js, Redux, RxJS, Material UI, Tailwind CSS, Bootstrap
- **Backend**: Node.js, Express.js, Flask, REST APIs, Firebase, MongoDB
- **Programming Languages**: Java, JavaScript, TypeScript, Python
- **Cloud & DevOps**: Azure, Docker, CI/CD Pipelines
- **Core Subjects**: Operating Systems, Computer Networks, DBMS

PROJECTS

Pragyan AI (Humanli.ai) Link (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**, **Docker, Azure, CI/CD pipelines.**

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.

EDUCATION

- BE CSE | Chandigarh University, Mohali Punjab (August 2020 - June 2024)