

JAI SOMANI

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Education

Indian Institute of Information Technology, Pune

Bachelor of Technology in Computer Science and Engineering (CGPA of 7.37)

Nov 2022 - Present

Pune, Maharashtra

Delhi Public International School, Bikaner

Secondary Education with Majors in Maths, Physics and Chemistry

Apr 2020 - Mar 2022

Bikaner, Rajasthan

Technical Skills

Technologies Used To: Python (TensorFlow, PyTorch, Scikit Learn), JavaScript, ReactJS, React Native, TypeScript, SQL, FastAPI, C/C++, Data Structures, Algorithms, HTML, CSS, Java, Figma

Coursework: ReactJS, React Native, UI/UX Development, Deep Learning Specialization, Machine Learning Specialization, Natural Language Processing, Object Oriented Programming, Database Management Systems

Extra-Curricular: Entrepreneurship, Effective Communication, Team Management, Graphic Designing

Profile Links

[Leetcode](#) | [Codechef](#) | [Codeforces](#)

Work Experience

AIAssistant.co

Software Developer and Research Intern

Feb 2024 - July 2024

Pune, Maharashtra

- Significantly contributed to the **front-end development** of a cross-platform iOS/Android **web application** implementing the **ReactJS framework**.
- Revamped backend processes and **optimized the website's architecture**, resulting in a **25 percent faster load time**; this initiative led to a substantial **decrease in bounce rates** and contributed to a **more seamless user journey**.
- Assisted in the **development of AI Chat-Bots**, leveraging in-depth knowledge of **Deep Learning, Machine Learning, ReactJS** and **React Native frameworks**.

Entrepreneurship-Cell IIIT Pune

Operations Manager, Digital Marketing Head

Apr 2023 - Present

Pune, Maharashtra

- I strategically **organized and managed the workflow** for all twelve sub-teams of the Entrepreneurship Cell at IIIT Pune, **optimizing efficiency and fostering collaboration**.
- Led the **digital marketing team**, optimized our strategies, and enhanced social media efforts, achieving a **30 percent growth** in social engagement.
- Collaborated with the **Event Management Team** to plan and **execute large-scale events**, ensuring seamless operations.

Projects

Real-Time Crypto Price Tracker | ReactJS, CoinGecko APIs, HTML/CSS

April 2024

- Engineered a comprehensive **Web Application** implementing **ReactJS** framework to dynamically showcase live prices of various Cryptocurrencies on a global scale.
- Employed **CoinGecko's Application Programming Interfaces (APIs)** to retrieve up-to-the-minute pricing data for a comprehensive array of cryptocurrencies worldwide.
- Additional functionalities implemented: **Real-time graphical data display**, market capitalization ranking, 24-hour high and low values, circulating supply, and one-year change analysis.

Recommendation System | Python, NLP, Machine Learning Model, Clustering and Vectorization

September 2023

- Created a **recommendation system** for a website that connects startups to investors and recommends Startups to Investors according to their likes and preferences.
- Implemented **Python Libraries** - Scikit Learn, Natural Language Toolkit, and Abstract Syntax Trees to achieve the goal.
- Applied **Natural Language Processing Algorithms** to understand the requirements of the Investor and recommend the best Startup to their choices.
- Trained Model on the Dataset of a Movie Recommender System and Implemented **Tag-Based Recommendation System** through **Vectorisation** and used **Clustering Model** to Classify the Data in a more precision manner.