

Rahul Jha

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ABOUT ME

Highly motivated and freshly graduated software developer with a passion for coding and problem-solving. Solid foundation in programming languages such as C++, JavaScript and Python. Have in-depth understanding of system and hardware architecture, giving low level perspective of programming. Skilled in developing and debugging software applications. Eager to apply knowledge and learn new technologies as a Software Developer to contribute to a dynamic and collaborative team environment.

PROJECTS

FunZone-DB

<https://fun-zone-db.vercel.app/> · January 2024 - February 2024

- Created a comprehensive and user-friendly information database platform, FunZone-DB, to provide a centralized location for all anime, movie, TV series, and gaming content.
- Engineered a sophisticated recommendation system within FunZone-DB that intelligently suggests similar content, boosting user engagement by 25% through the use of machine learning algorithms and collaborative filtering techniques.

Human-AutoRecorder

<https://object-detection-auto-record.vercel.app/>

- A Recorder Tool that auto triggers a 20sec recording whenever it detects a human in the camera.
- Both duration and trigger object can be changed and feature can be disabled as well.

ChatterBox

- A real-time chatting app in React.
- It makes use of websockets for near instantaneous transmission of messages.
- Presence of proper user authentication and session persistence.

PhytoScan

https://github.com/Code-XT/Plant_DiseaseDetection--No-GUI

- A ML based project aimed at detecting diseases in plants.
- It uses images as input to conduct realtime analysis and detects any signs of disease it might have.
- Based on those signs, it tries predicting the disease.

CurrencyConverterCX

<https://currency-converter-chrome-extension.vercel.app/>

- A simple currency converter web app/chrome extension.
- Very high convertible currency count (over 650).
- Exchange Rates updated daily.
- There's no daily conversion quota.

EDUCATION

Bachelor of Technology in Computer Science

VIT Bhopal · Bhopal, Madhya Pradesh · 2025 · 8.87

XII Graduation

Chinmaya Vidyalaya · Bokaro Steel City, Jharkhand · 2020 · 9.4

CERTIFICATIONS

Applied Machine Learning in Python

University of Michigan, Coursera · 2023

- Certified in practical proficiency in using machine learning techniques to solve real-world problems.

SKILLS

Languages: C++, Java, Javascript, Node Js, Reactjs, Html Css, Bootstrap, Typescript, Tailwind, Next JS, Python

Technical Skills: MySQL, MongoDB, TensorFlow, Git, Github, WebRTC, WebSockets, Framer Motion

Soft Skills: Communication, Critical Thinking, Adaptability

Field of Interest: System Architecture, Hardware, Gaming, Sketching, Anime