Rahul Ravikumar

Student

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EDUCATION

Bachelor of Technology
Vellore Institute Of Technology
2023 – present | Vellore, India
CGPA-8.5

Higher Secondary-Grade XII
Suguna PIP
2021 – 2023 | Coimbatore, India
AISSCE:85%

Secondary-Grade X
Saratha International School
AISSE:96.4%

LANGUAGES

English

Tamil

Kannada

EXTRA CURRICULAR

- Chess: Intermediate Proficiency
- Karate: Intermediate Proficiency

CERTIFICATES

- UI/UX Mega Workshop: From NXTWave
- GenAIMegaWorkshop2.0: From NXTWave
- Mega Workshop Project Completion Certificate: From NXTWave

ABOUT ME

Second-Year Student from VIT Vellore. Motivated Information Technology student with a passion for building human-centered web applications. Experienced in HTML, CSS, JavaScript, and Node through personal and academic projects. Thrive in fast-paced, team-driven environments and constantly seek ways to improve, automate, and innovate.

PROJECTS

AI Chat Box Project
Riya is an intelligent, youthful, and dynamic generative AI assistant designed to be your all-in-one digital ally. Built with cutting-edge technologies like **OpenAI's language models**, **Google Colab**, and **interactive UI components via Gradio**, Riya blurs the lines between assistant and companion.

First Full Static Website
This project is a **tourism-focused single-page web application** showcasing India's most iconic heritage sites. Built with **HTML, Bootstrap, and JavaScript**, it offers a seamless user experience with interactive navigation, image carousels, and responsive design. Users can explore detailed views of landmarks like the **Taj Mahal**, **Golden Temple**, **Mysore Palace**, and **Varanasi Temple** through visually rich galleries and descriptive content, making it ideal for educational use or virtual tourism.

Brain Tumor Detection
This project leverages **deep learning and medical imaging** to automate the detection of brain tumors from MRI scans. Built with a **Convolutional Neural Network (CNN)** architecture, the model classifies images into tumor and non-tumor categories with high accuracy. The system is trained on labeled MRI datasets and optimized for performance using techniques like **data augmentation**, **dropout regularization**, and **transfer learning**. The solution provides a **scalable, low-cost, and non-invasive diagnostic aid**, aiming to accelerate early detection and support clinical decision-making.

TECHNICAL SKILLS

Python

Frontend Development

JavaScript Fundamentals

Backend Basics

C++

COURSES

Technical Support Fundamentals
Google, Coursera
2024 – present

Front-End Development
NXTWave
2023 – present