RUSHIL WALIA

Kota, Rajasthan

+91 9116969305 | rushiltiger@gmail.com | Rushil Walia | Rushil Walia

EDUCATION

Vellore Institute Of Technology

Bachelor of Technology in Computer Science and Engineering - 8.4/10

Maa Bharti Sr. Sec. School, Kota

Successfully completed HSC with a score of 92.8%.

Modern School, Kota

Successfully completed SSC (Matriculation) with a score of 96.6%.

September 2023 - Present
Madhya Pradesh, India
April 2023
Rajasthan, India
April 2021
Rajasthan, India

PROJECTS

FixItLocal | JavaScript, Flask (Python), HTML, CSS, AJAX
- Implemented real-time messaging using JavaScript and AJAX for seamless user interactions.
- Developed automatic scrolling functionality to ensure a smooth user experience in the chat interface.
- Integrated Flask backend to process user queries and generate AI-driven responses.
- Designed an interactive UI with HTML, CSS, and Tailwind for a responsive and user friendly experience.

Smart Automated Sports Referee System (SASRS) | React, Flask, Pytorch, OpenCV, TensorFlow
- Developed an AI-driven automated referee system capable of processing live video feeds across multiple sports (e.g., football, basketball, tennis, cricket) to deliver real-time, accurate officiating decisions.
- Designed a modular, rule-based decision engine that integrates sport-specific rules and sensor data to minimize human error and enhance fairness.
- Collaborated within an agile, cross-functional team to iterate on system performance, incorporating real-world testing feedback to continuously improve accuracy and response time.

TECHNICAL SKILLS
- **Programming Languages:** C, C++, Python, Java, JavaScript
- **Database:** MySQL, Postgres
- **Frameworks & Technologies:** Tailwind CSS, Bootstrap, TensorFlow, PyTorch, WordPress, Git/GitHub, Linux, Cloud Computing, Generative AI (GenAI), Prompt Engineering
- **General Tools:** MS Excel, PowerPoint, Word, VS Code, GitHub, Microsoft Teams, Notion, Postman
- **Languages**: Hindi (native), English (fluent)

CERTIFICATIONS
- Google IT Support Professional, **Google**
- Introduction To Computer Science CS50, **Havard University**

LEADERSHIP & ACHIEVEMENTS
- Core Member **Central India Club, VIT Bhopal**
- Sports Fest **Chess** Participant, **AdVITya'24&25, VIT Bhopal**
- School Science Exhibition Runner-Up, **Modern School**