RUSHIL WALIA

Kota, Rajasthan

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# EDUCATION

**Vellore Institute Of Technology**

[Rushil Walia](https://www.linkedin.com/in/rushil-walia-51a45b331/) |

 [Rushil Walia](https://github.com/Rushil-Walia)

## September 2023 - Present

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%.

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**