Parth Kale

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EDUCATION

JSPM Rajarshi Shahu College of Engineering, Tathawade June 2022 - Current
B.Tech. in Information Technology *Current CGPA: 7.52/10.0*

Dr.Chandrabhanu Sonvane Junior College,Ukkadgao April 2021
Higher Secondary Education *Percentage: 71.17%*

SKILLS

Languages: C/C++,Python,JAVASCRIPT.

Tools: Google Collab,jupyter Notebook,starUML,Git/Github,Jira.

Core Subjects / Concepts: Data Structures Algorithms (C++).

Web Technologies: Html,Css,SQL

TECHNICAL PROJECTS

Sign Language Recognition | *Python,OpenCV,MediaPipe* February 2023
- Sign Language Recognition System: Developed a computer vision-based system to recognize hand gestures representing the English alphabet (A–Z) using Python, OpenCV, and MediaPipe. Captured and labeled gesture images to build a dataset for training future recognition models.
- The project aims to enhance communication with deaf or blind individuals by translating sign language into readable text.

Game Controller Using Hand Gesture | *Python, OpenCV, MediaPipe* August 2024
- Developed a "Game Control Using Hand Gestures" project using Python, integrating computer vision techniques with libraries like OpenCV and MediaPipe.
- The system detects and interprets real-time hand gestures to control game actions, demonstrating proficiency in image processing, gesture recognition, and human-computer interaction.

EXPERIENCE

The Mother Global Foundation (TMGF) − NGO | *Frontend Developer* July 2025
- Developed and maintained responsive user interfaces using React.js, Vite, JavaScript, and CSS.
- Collaborated with backend developers and designers to deliver seamless user experiences for the NGO's web platform.
- Improved accessibility and usability to ensure inclusive access for all users.
- Utilized Git, GitHub, and Agile practices for version control and team collaboration.

CERTIFICATIONS

C++ From Basic To Advance - Udemy

C++ (DSA) - Udemy

Oracle Cloud Infrastructur - Oracle

ADDITIONAL INFORMATION

Languages: English, Marathi, Hindi

Hobbies: Cricket,vollyball

Volunteer: Saint Club Events, Cyberbort expert session