

# Siddharth Jha

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## Education

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### VIT Bhopal University

BTech Major in Computer Science & Engineering  
Cumulative GPA: 8.3/10

Bhopal, Madhya Pradesh

2022 - 2026

### 12<sup>th</sup> Standard

Happy Model School  
CBSE Percentage: 91%

New Delhi  
2021-2022

### 10<sup>th</sup> Standard

Happy Model School  
CBSE Percentage: 88%

New Delhi  
2019-2020

## Projects

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### Project 1: Early Diagnosis of Parkinson's Disease using Voice and Spiral Image Analysis

- Developed a machine learning-based diagnostic tool integrating **voice analysis and spiral image detection** for early Parkinson's disease prediction.
- Collected and preprocessed real-world datasets, applying **feature extraction, normalization, and multi-modal data integration** techniques.
- Achieved high diagnostic accuracy using tuned models, contributing to **non-invasive, accessible healthcare solutions**.

### Project 2: Sentiment-Driven Product Listing Generator using Generative AI and Web Scraping

- Built an end-to-end system that scrapes social media content via Selenium and applies NLP + sentiment analysis to generate e-commerce listings.
- Integrated Generative AI for dynamic content creation and deployed on AWS Cloud using Docker for scalability and real-time adaptation.
- Enabled cost-effective automation for product listing, supporting multi-platform e-commerce integration with visual/text analysis and pricing logic.

## Activities

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### Sports Club

Cricket

Happy Model School  
2018-2019

- Active member of the college sports club; participated in selection trials for inter-school tournaments, showcasing teamwork and competitive spirit.

### Chess

- Proficient in playing chess, demonstrating strong strategic thinking and problem-solving skills

## ADDITIONAL

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**Technical Skills:** Python, JavaScript, HTML/CSS, React JS, PL/SQL, Java, DSA in Java, MongoDB, ExpressJS,

**Languages:** Fluent in English and Hindi.

**Hobbies:** Sports enthusiast, Blender, Video Editing