

# Khushi Sikarwar

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## Education

### Madhav Institute of Technology and Science, Gwalior

Aug 2022 – May 2026

*B.Tech in Information Technology (Internet of Things)*

*SGPA (Last Semester): 8.3*

### Senior Secondary (Class 12)

Percentage: 67

*Kendriya Vidyalaya No. 5, Gwalior*

### Secondary (Class 10)

Percentage: 64

*Kendriya Vidyalaya No. 5, Gwalior*

## Relevant Coursework

- Data Structures
- Data Science
- Cloud Computing
- Systems Programming
- Internet Of Things
- Java Programming
- Wireless Technology
- Computer Architecture

## Projects

### AI-Based System for Real-Time Yoga Pose Detection and Correction

- This project is completed, and I am working on adding more features. Additionally, I wrote a research paper on this topic, which has been accepted by IEEE International Students' Conference and will soon be published.

### World Happiness Index Dashboard

- Developed a dashboard visualizing the World Happiness Index, where users can explore and compare global happiness data across various countries and regions.
- Used data science techniques for data cleaning and visualization, ensuring the dashboard is interactive and user-friendly.

### AI-Based Object Detection App for Blind Assistance

- Developing a mobile app that uses AI to detect objects in real-time via camera feed and provides audio feedback for blind users, enhancing their independence and navigation.
- The app aims to create an intuitive interface to help visually impaired individuals navigate their surroundings safely.

## Technical Skills

**Languages:** Python, Java, HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, Google Cloud Platform, Jupyter Notebook

**Technologies/Frameworks:** Flask, OpenCV, TensorFlow (Beginner), Keras (Beginner)

**Version Control:** Git, GitHub

## Experience

### GeeksforGeeks MITS Student Chapter

Nov 2023 – Nov 2024

*Management Team Member*

*MITS, Gwalior*

- Coordinated technical workshops and events to promote programming skills among students.
- Worked with team members to create engaging content for the student community.

### Codewars Club

Dec 2022 – Dec 2023

*Technical Team Member*

*MITS, Gwalior*

- Engaged in coding challenges and hackathons to improve programming skills.
- Collaborated on technical projects and coding competitions.

## Leadership & Extracurricular Activities

### Class Coordinator

2022 – Present

### IoT POSTER EXPO 2024: Visualizing Connectivity

### Student Coordinator - AI/ML Workshop

### RASHTRAAY Streetplay Society Member

### Winner - Riddle Rush (Treasure Hunt)

## Coding Profile

**CodeChef:** <https://www.codechef.com/users/khushisikarwar>

**GeeksforGeeks:** <https://www.geeksforgeeks.org/user/khushisikarwar235/>

**HackerRank:** <https://www.hackerrank.com/profile/khushisikarwar21>