

# SHREY PANDEY

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## EDUCATION

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Vellore Institute of Technology  
Bachelor of Technology - Computer Science and Engineering

Bhopal, Madhya Pradesh, India  
Aug 2023 – Ongoing

Cumulative GPA: 8.49 / 10

Academic Subjects: ,Python Programming, Data Structures & Algorithms, Discrete Mathematics

D.A.V. International School:

Class 12<sup>th</sup> (CBSE)

Percentage: 86%

Amritsar, Punjab , India

April 2022 – April 2023

D.A.V International School:

Class 10<sup>th</sup> (CBSE)

Percentage: 92.8

Amritsar, Punjab , India

April 2020 – April 2021

## TECHNICAL SKILLS

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Languages: Python, HTML, CSS

Libraries: NumPy, Pandas

Tools: Linux, VS Code

## CERTIFICATIONS

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MathWorks Onramp course - MATLAB (2023)

Introduction to Machine Learning - NPTEL (2024)

Operating System and System Programming - CURSA (2024)

## PROJECTS

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### Attendance Calculator | Python

- Developed a user-friendly Python application to automate attendance percentage calculation based on user input.
- Implemented input validation and dynamic feedback for scenarios like minimum attendance thresholds.
- Designed to assist students in tracking eligibility for examinations and identifying attendance shortfalls.
- Enhanced logic for flexible session inputs (e.g., total classes, attended classes) for custom tracking.

### Handloom Craft Webpage | HTML, CSS

- Designed and developed a static webpage to promote traditional Indian handloom crafts using HTML and basic CSS.
- Focused on user experience, visual layout, and cultural storytelling through images and structured sections.
- Explored foundational concepts of web development, such as page linking, styling, and content layout.
- Inspired by the idea of using technology to preserve and promote heritage craftsmanship.

## EXTRA-CURRICULARS AND ACHIEVEMENTS

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- Medal of Artistic Achievement for excellence in art.
- Pursuing B.S. in Data Science (Remote Learning Mode) – IIT Madras
- Passionate about music and instrumentation; currently learning to play the guitar.