Pranav Chamoli

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Education

Graphic Era University — 2022–2026
B.Tech in Computer Science and Engineering - CGPA: 7.19/10 — *Dehradun, Uttarakhand*

The Montessori School — 2022
I.S.C Science (XII) - Percentage: 71.2% — *Dehradun, Uttarakhand*

The Montessori School — 2020
I.S.C.E Science (X) - Percentage: 87.83% — *Dehradun, Uttarakhand*

Projects

Quiz Application ↗ — 2024

- This is a simple GUI-based Quiz Application built in Java using Swing. It allows users to log in, view rules, take a timed quiz, and see their score at the end.
- Tools Used: Java

Hotel Reservation and Management System ↗ — 2025

- A complete JavaFX + MySQL hotel booking platform with role-based access, reporting, and full CRUD functionality.
- This system is designed to automate hotel operations with a clean, modern JavaFX-based interface. It supports Admin, Manager, Staff, and User roles, complete with reservation handling, reporting, and data export.
- Tools Used: Java, JDBC, MySQL, CSS3, FXML, Maven, IntelliJ IDEA

Dynamic Rounded Palette Generator ↗ — 2025

- Developed a dynamic palette generator out of curosity with two modes: shades of a base color and fully custom palettes.
- Designed a responsive color-picker UI and implemented real-time canvas rendering of rounded rectangles.
- Enabled "Download as PNG" functionality for generated palettes.
- Tools Used: HTML

Technical Skills

- Languages: Java, Python, C++, C, JavaScript
- Backend: Spring Boot, Numpy, Pandas, Tensorflow, scikit-learn
- Frontend: HTML, CSS, Bootstrap, FXML
- Databases: MySQL
- Tools: Github, VS Code, IntelliJ IDE

Achievements

- Participated in Co-dev organized by Graphic Era Hill Univeristy in 2022.