

# Suhani Mehra

Gwalior, India | 9302389628 | [Email](#) | [Github](#) | [Portfolio](#) | [LinkedIn](#)

## Profile

Self-motivated and detail-oriented Computer Science undergraduate with a strong foundation in programming, problem-solving, and full-stack development. Eager to apply technical and analytical skills to contribute meaningfully in a dynamic, team-oriented environment. Seeking opportunities to learn, grow, and deliver impactful solutions through hands-on experience.

## Projects

### CollegHive – Campus Collaboration Platform

- Enabled student networking, academic sharing, and event management.
- Used React.js and Firebase with real-time Firestore database updates.

### Face Recognition Attendance System

- Automated attendance via real-time face detection and recognition.
- Achieved 90%+ accuracy using Python, OpenCV, and SQLite. [Link](#)

### Image Cartoonifier

- Applied computer vision filters to convert photos into cartoon-like visuals.
- Hosted on Render platform for public demo access. [Link](#)

### TapNTrip

- A full-stack travel booking platform for all age groups, with a special focus on elderly users. Accessibility, safety, and seamless booking experiences are at the core. Built with modern tech, role-based access, and a clean, responsive UI. [Link](#)

### Delhi - Climate PowerBI Dashboard

- Designed an interactive PowerBI Dashboard to visualize temperature, humidity, wind speed and atmospheric pressure Trends in Delhi from January to April 2017 .
- Cleaned and grouped raw weather data by month and year , calculated averages using DAX measures , optimized visuals for presentations clarity .

## Work Experience

Web Development Intern – Eways Services  
May 2024 – July 2024

- Built a context-aware pilgrimage web app tailored for elderly travelers.
- Integrated voice search, language translation, and emergency alert features.
- Conducted UX research and implemented accessibility-focused UI using React.js and Firebase.

## Education

B.Tech in Computer Science, Madhav Institute of Technology & Science, Gwalior  
2022 – 2026 · CGPA: 7.5/10

Relevant Coursework: Data Structures, Algorithms, Operating Systems, DBMS, AI & ML , Probability & Statistics, Data Mining, Data Visualization , Python for Data Analysis

## Skill

- **TECHNICAL :** PYTHON | C | C++ | HTML | CSS | SQL | Data Analysis: Pandas , NumPy | Data Visualization: Matplotlib | Machine Learning: Scikit-learn , Regression, Classification, Clustering | Statistical Analysis: Hypothesis Testing, p-value
- **FRAMEWORKS:** REACT.JS | NODE.JS | NEXT.JS | TAILWIND CSS
- **TOOLS & PLATFORM :** POWER BI | GITHUB | GIT | FIREBASE | Jupyter Notebook | Google Colab
- **SOFT :** PROBLEM SOLVING | TEAM WORK | LEADERSHIP | TIME – MANAGEMENT | COMMUNICATION

## Achievements & Certificates

- **Achieved 9<sup>th</sup> position** in code condolence , inter college coding competition .
- Received certification in **User – Centric Computing for Human – Interaction From IIT Guwahati by NPTEL .**
- **NCC ‘C’ certificate**
- **Decoding Data : Insights & Impact through Analysis - IBM SKILLSBUILD**
- **Completed Kaggle Learning Tracks:**
  - Python for Data Science
  - Intro to Machine Learning
  - Intermediate Learning
  - Data Visualization
  - Time series Analysis
  - Data Cleaning