

# Tanishka Nawani

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## Education

University of Petroleum and Energy Studies (UPES), Dehradun, India  
B.Tech. in Computer Science (Aug 2024 – May 2028)  
Currently in 2nd Year

Children's Academy, Dehradun  
12th | CBSE | 2024 | Percentage: 73%

Convent of Jesus & Mary, Dehradun  
10th | ICSE | 2022 | Percentage: 90%

## Projects

- **Iris Dataset Analysis using PCA (Python)**  
Applied dimensionality reduction with PCA and visualized variance across features.  
Used NumPy, Pandas, Matplotlib, scikit-learn for dataset exploration.
- **Library Management System (C Language)** – Built a menu-driven program using file handling to add, search, and manage book records.
- **Student Database Management (DBMS + SQL)** – Designed a relational database to manage student records with SQL queries for insertion, deletion, and retrieval.
- **Basic Python Projects** – Implemented programs like calculator, text-based quiz, and file handling applications to strengthen problem-solving.
- **DSA Problem Solving** – Solved basic problems on arrays, sorting, and searching algorithms to strengthen logical and analytical skills.

## Internship

**Social Summer Internship — Shail Kala Evam Gramin Vikas Samiti** (May 2025 – July 2025)

- Conducted interactive learning sessions integrating storytelling & art.
- Guided children in mindfulness & focus-enhancing activities.
- Led environmental awareness and mentorship programs.
- Authored reflection report documenting methodologies and outcomes.

## **Skills**

**Technical Skills:** Python, Java, C, NumPy, Pandas, Matplotlib, scikit-learn, MS Excel, MS Office

**Soft Skills:** Leadership, Teamwork, Problem-solving, Time management

**Languages:** Hindi, English, Garhwali

## **Accomplishments & Recognition**

Google AI Essentials Certificate — Coursera

Fundamentals of Machine Learning & Artificial Intelligence Certificate — AWS (Coursera)

NGO Internship Certificate — Shail Kala Evam Gram Vikas Samiti

Lady Ada ACM-W India National Level Programming Contest (UPES ACM-W) Certificate