Atul Petwal
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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
sept, 2022 - present	B.TECH in Computer Science	Graphic Era Hill University Dehradun	8.34/10
2020	12th, U.B.S.E	Bhagirathi vidhya sarovar public school	84.6 %
2022	10th, U.B.S.E	Bhagirathi vidhya sarovar public school	90.00 %

PROJECTS

- **Big Integer** (Oct, 2023 - Nov 1, 2023) : Developed a robust C library to enable arithmetic calculations beyond the 8-byte limit inherent in standard C. This project showcases advanced programming skills and the ability to extend the capabilities of the C language to handle very large numbers efficiently.

- **Speech-to-Text and Text-to-Speech** (21 Nov, 2023 - 03 Dec 2023) : Created a web application using HTML, CSS, and JavaScript for converting voice to text and text to voice.

- **Simon Game** (10 Apr, 2024 - 22 Apr, 2024) : Developed a web-based Simon Game using HTML, CSS, and JavaScript. The game features interactive color sequences that players must replicate, testing their memory and attention.

- **Road Sign Detection** (December,2024 – 7 january 2025) : Developed a YOLO-based road sign detection model in PyTorch (.pt) for accurate and fast traffic sign recognition.

TECHNICAL SKILLS

- **Languages : Python Javascript , C** (proficient), **C++** (proficient), **SQL**.

- **Tools and Frameworks :** ReactJS

CO CURRICULAR ACTIVITIES

- Coached juniors in various sport events at school level.
- Team leader at hackathon organized by college. (2023).

ACHIVEMENTS

- Part of NGO (**Baal Panchayat**) for awareness and local development.
- State level **kho-kho** player.(2019).
- State level player in **100 meter race**(2019).

PERSONAL DETAILS

- Date of Birth : 10/08/2004
- Parents' Names : Mrs. Ashrupi Petwal, Mr. Harsh Mani Petwal
- Languages Known : English, Hindi
- Mobility : Pan India
- Address :B-23,open market,Baurari(New Tehri),Tehri Garhwal

Place: Dehradun   **(Atul Petwal)**