

# Atharv Mittal

Designation - CSE Student 1st year, PES University

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Portfolio: <https://atharvmittal.vercel.app/>

I am Atharv Mittal, currently enrolled in the Computer Science Engineering program at PES UNIVERSITY, Bangalore.

## Academic Achievements

I have earned accolades including securing the international rank 1 in the Mental Maths World Cup and the country rank 1 in the Winter Maths Olympiad.

## LANGUAGES

My academic pursuits have led me to develop a strong interest in coding, where I have acquired proficiency in programming languages such as C, C++, Java, Python, JavaScript, HTML, and CSS. I'm an eager Computer Science student with proficiency in various languages, seeking an internship to apply my technical skills, drive innovation, and foster collaboration in a dynamic environment.

## Education

COURSES	INSTITUTIONS	BOARD / UNIVERSITY	YEAR	Result
10th	St. Michael's School Siliguri	ICSE	2020	95.6 %
12th	DPS RKP	CBSE	2022	98.4 % [1st term] 85.6% [2nd term] [got covid]
B. Tech	PES University	PES	2023-2027	8.91 [GPA]

## PROJECTS

**Smart Transportation System:** *The future of transportation management with our sophisticated suite of solutions, tailored to meet the demands of modern urban environments.*

Our innovative platform focuses on four key features:

- Speedometer:** Seamlessly track your vehicle's speed and receive real-time warnings when exceeding speed limits, promoting responsible driving habits.
- Traffic Camera Integration:** Stay informed about nearby traffic cameras within a 1 km radius, enabling drivers to adhere to regulations and avoid penalties.
- Smart Parking Solution:** Utilizing advanced Python algorithms, our system accurately counts vehicles entering and exiting designated parking areas, providing live updates on parking availability via an intuitive map interface.
- Intelligent Traffic Light Management:** By analyzing vehicle density on each side of the road, our system dynamically adjusts traffic signal timings, optimizing traffic flow and minimizing congestion.

**8-ball pool:** using Python this interactive game brings the excitement of

## SKILLS

I possess a keen enthusiasm for problem-solving in mathematics and actively participate in various sports including Basketball, Chess, Carrom, Lawn Tennis, Badminton, Cricket, Table Tennis, Billiards, and Squash. Moreover, I dedicate time to extracurricular activities such as singing, Guitar, and Swimming, achieving a Grade A certificate from Trinity College, London!

## EXPERIENCES

Emphasizes on my hosting skills and ability to organize diverse events while maintaining a professional tone.

**1. Kalpana Tech Fest:** Hosted a 24-hour hackathon featuring engaging mini-games for participants to rejuvenate, along with challenging puzzles to solve.

**2. Teachers Day 2019:** Orchestrated a memorable Teachers Day event at school, as showcased in this video: <https://youtu.be/JHoXEuWNmdu?si=QKwvcYjfi4iitm8c>

**3. Maths Quiz:** - Led a

two-team competition with full rule adherence, while also seamlessly logging game results for future reference.

**Weather app:** Discover real-time weather updates effortlessly with our sleek web app, seamlessly blending HTML, CSS, and a powerful weather API for accurate forecasts worldwide.

**Text Analysis App:** a user-friendly web page leveraging JavaScript and HTML. Simply upload any text file to search for words, count occurrences, and streamline your analysis process effortlessly.

**Dear Diary:** Your private and confidential e-diary offering secure storage, seamless updates, and the opportunity to enhance your writing skills in an era where digital devices reign supreme.

**Local Guide:** Your ultimate travel companion providing real-time updates and insights for every new destination, ensuring you make the most of your travels with ease.

dynamic mathematics quiz session, fostering an interactive and intellectually stimulating environment for participants at school.

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