

# Kashish Sinha

Prefinal year undergraduate · Computer science & engineering

Vellore Institute of Technology (VIT), Bhopal

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[GitHub](#)

[LinkedIn](#)

[GFG](#)

[Leetcode](#)

## Education

Year	Degree	Institution	CGPA/%
2021-Present	B.Tech in Computer Science and Engineering	Vellore Institute of Technology (VIT) Bhopal	9.12/10
2020	Class XII (CBSE)	DAV Public School, Cantt. Road, Khagaul	76.4%
2018	Class X (CBSE)	DAV Public School, Cantt. Road, Khagaul	84.2%

## Work Experience

### IIT Patna

Research Intern

Nov '23 - Jan '23

- Done a comparative analysis of state-of-the-art models to advance the understanding and application of GNNs.
- Evaluated model performances on benchmark datasets, considering factors such as scalability, interpretability, and computational efficiency.
- Identified strengths and weaknesses of each model, providing insights for further improvements and applications

### Ethnus

[\[Github\]](#)

Mern Stack Internship

Aug'23-Nov'23

- Engineered a dynamic MERN stack solution for the Job Finder project, utilizing Vite and React, with Tailwind CSS for a visually appealing interface and achieving a 35% reduction in turnaround time.
- Implemented seamless image upload through Cloudinary, contributing to a significant 25% enhancement in multimedia capabilities and an elevated user experience.

### Smartinternz

AI & ML Externship

Aug'23-Nov'23

- Vehicle detection and counting are very important in traffic monitoring, toll collection, and military applications.
- The technology of vehicle detection in the captured video has an implementation in a variety of fields.
- In this project, we implemented a basic model of Vehicle detection and counting.
- The video clip is taken as input, many frames are extracted and the background is estimated along with shadows.

## Key Projects

### Vehicle Detection and Counting System using OpenCV

[\[Github\]](#)

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- The video clip is taken as input, many frames are extracted and the background is estimated along with shadows.

### Employee Management System

[\[Github\]](#)

- Management of employees has been a crucial part of any organization.
- Proper management of employees is a necessity of every organization. Here, we worked on a login, creating employees, adding employees, viewing all employees, etc.

## Skills

<b>Programming</b>	C++, Python, OOPs, DSA, Problem-solving,
<b>Web</b>	HTML, CSS, JavaScript, React.js, Node.js, MongoDB, Express.js
<b>Others</b>	Git, MySQL, NoSQL, DBMS Figma, Machine learning, OpenCV
<b>Core</b>	Computer Networks, OS, DBMS

## Achievements

- National Engineering Olympiad (NEO), National Rank:797
- SIH internal round finalist (2023)

## Certifications

<b>Coursera-</b> Bits & Bytes of computer networking	<a href="#">[Credentials]</a>	Dec'22
<b>Kaggle-</b> Intro to SQL	<a href="#">[Credentials]</a>	Feb'23
<b>Great Learning-</b> Intro to MySQL	<a href="#">[Credentials]</a>	Jan'23
<b>Scaler Academy-</b> Learn SQL for Data Science		Jan'23

## Positions of Responsibility

<b>Nature &amp; Trekking Club-</b> Member of the social media team of my college in nature and trekking club.	Jan'24-Present
<b>Internshala Student Partner-</b> A 45-day transformational journey to help college students meet their career goals while learning real-world skills like marketing, communication & and leadership.	Feb'23 - Mar'23
<b>Girls Script Summer of Code (GSSOC)</b> It is a three-month-long Open-Source Program conducted every summer by the Girlsript Foundation. With constant efforts, participants contribute to numerous projects under the extreme guidance of skilled mentors over these months.	May'23 - Jul'23

## Hobbies

Dancing, Reading Books