

# Kashish Sinha

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[Portfolio](#) | [GitHub](#) | [Leetcode](#) | [GeeksforGeeks](#)

## Education

- Vellore Institute of Technology, Bhopal** Bhopal, India  
*Bachelor of Technology - Computer Science & Engineering; CGPA: 9.12/10* 07/2021-07/2025

## Skills

- Programming Languages:** C++, Java, Python
- Frontend Technologies:** HTML5, CSS3, JavaScript, React.js, Express.js, Tailwind CSS
- Backend Technologies:** Nodejs, MySQL, MongoDB
- Courses:** Data Structures and Algorithm, OOPs, Computer Networks, Operating Systems, DBMS
- Developer Tools:** Git, GitHub, VS code, Postman, PyCharm, Canva

## Certifications

- Cloud Computing (NPTEL- IIT Kharagpur) 05/2024
- AI & ML (Smartbridge- Google developers) 08/2023-11/2023
- Intro to SQL(Kaggle) 02/2023
- Bits and Bytes of Computer Networking (Coursera) 12/2022

## Projects

- Vehicle Detection and Counting System** 08/2023-11/2023
  - Accomplished the development of a basic vehicle detection and counting model using Python, Machine Learning, and OpenCV library. [GitHub](#)
  - Integrated processes like video input, frame extraction, background estimation, and shadow accounting, processed video input at an estimated rate of 20+ frames per second.
  - As part of a 4-member team, worked on background subtraction and car detection, and the project awarded with an A grade.
- ॐMitra- An information website for village peoples** 01/2024-03/2024
  - Developed and integrated a comprehensive frontend website using HTML, CSS, and JavaScript to support an SMS information bot, accomplishing the goal of serving feature phone users in rural India.
  - Executed a solo web development project focused on enhancing website usability and functionality; improved site speed by 35% and increased user retention by 20% through comprehensive testing and user-centric design modifications. [Web-app](#)

## Work Experience

- Indian Institute of Technology (IIT), Patna** 11/2023-01/2024  
*Research Intern* On-site
  - Conducted a comparative analysis of 2-3 state-of-the-art models to advance the understanding and application of Graph Neural Networks.
  - Identified strengths and weaknesses of each model, offering insights for potential improvements and future applications based on the analysis.
- Ethnus** 08/2023-11/2023  
*MERN Stack Internship* Remote
  - Engineered a cutting-edge MERN stack solution for the Job Finder project, integrating Vite and React, under the guidance of a mentor, leveraged Tailwind CSS to craft a visually stunning interface for over 40+ screens.
  - Integrated seamless image upload through Cloudinary, contributing to multimedia capabilities and an elevated user experience, with an estimated storage savings of up to 70%. [Web-app](#)

## Achievements

- National Engineering Olympiad (NEO), **AIR: 797** among 35,000+ candidates
- Smart India Hackathon Internal round finalist (2023) among 150+ teams
- Maintaining a GeeksforGeeks (under top 50 in college rank) and Leetcode streak of over 200+ days

## Extracurricular

- Collaborated with over 50+ students as a social media team member in Nature & Trekking Club.
- Enhanced communication and leadership skills by organizing 5+ workshops, webinars, and 10+ student meetups as an **Internshala Student Partner (ISP)**.
- Participated in Hacktoberfest, contributing to 1-2 open-source projects through code, documentation, and community engagement

**Languages:** English, Hindi