

# Navya Bansal

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## Education

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**VIT Bhopal University** Bhopal, Madhya Pradesh  
B. Tech: Expected May 2026 Major in Computer Science and Engineering CGPA: 8.60/10

### 12<sup>th</sup> Standard:

**Mary Gardiner's Convent School** Lucknow, Uttar Pradesh  
CBSE CGPA: 8.0/10 March 2022

### 10<sup>th</sup> Standard:

**St. James Senior Secondary School** Hardoi, Uttar Pradesh  
CBSE CGPA: 9.48/10 March 2020

## Projects

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### SpeechConnect :

- Developed 'SpeechConnect' web-app, a free online therapy application featuring sentence formation, word repetition and comprehension exercises across three difficulty levels, enhanced with progress tracking system for aphasia patients.
- Leveraged JavaScript and CSS to build the interactive user interface and core functionalities of the application.
- Authored and submitted a research paper to the prestigious IEEE SCEECs'25 conference.

### Lottery System:

- Devised a blockchain-based lottery contest solution utilizing Solidity programming on Remix IDE.
- Established prerequisites for contest initiation, requiring a minimum of 3 contestants.
- Created a **random** function for generating the winner address.

### VIT Hostel Ease:

- Engineered 'VIT Hostel Ease', a web application tailored for hostel management using HTML, CSS and JavaScript for college students.
- Implemented features enabling students to easily request services like room cleaning and report maintenance issues (Wi-Fi, carpentry, plumbing, etc).
- Incorporated direct linkage to college's VTOP platform for seamless information retrieval for students.

### Jotter – Note taking website:

- Designed 'Jotter' a note taking website featuring integrated Optical Character Recognition(OCR) to convert handwritten or printed text into digital text built with HTML, JavaScript, PHP.
- Facilitated text formatting (bold, italic, highlight, etc) to enhance note readability and personalization.

## Extra-curricular

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### **Blockchain Club**

- Organized and successfully managed 300 students for the event, ensuring seamless coordination and participant engagement.
- Conducted meetings and led the hackathon for the club's event during Advitya'24, contributing to the event's success.

### **GDSC Club**

Core member of GDSC Club in Blockchain team.

### **StartUp Club**

- Co-founder and General Secretary of the club.
- Established it with the mission to empower budding entrepreneurs across the college community.
- Started a 6-month entrepreneurial program called 'Nirmaan 1.0' for helping the startups in our college to grow by providing the investments, network with different domain leaders and much more.

## Activities

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- Member of the dance group (TWSS) of our college and performed in many functions and fests.
- Secured 1<sup>st</sup> position in Cricket tournament during Advitya'23 & Advitya'24.
- Zonal level badminton player.
- Participated in SIH'23 and EY Tech-a-thon.
- Selected as one of the Top 5 team among other 23 teams in Aarohan for pitching the business idea.

## Additional

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**Technical Skills:** C++, Solidity, Python, Frontend Development, DSA, Java

**Languages:** Fluent in Hindi and English

**Certifications:** Received certificate for:

- 'Bits and Bytes of Computer Networking' on Coursera platform
- Completing certified course of Python on VITyarthi
- MATLAB onramp
- Simulink Onramp
- 'Cloud Computing' from NPTEL
- Workshop on Ethical Hacking by Sabik Academy
- SQL(Basic) on HackerRank
- Tata Group ESG Completion Certificate

Earned 5-star badge in Java and SQL on HackerRank.

Earned 2-star badge in C++ on HackerRank.