Navya Bansal

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Education

VIT Bhopal University   Bhopal, Madhya Pradesh

B. Tech: Expected May 2026   Major in Computer Science and Engineering   CGPA: 8.61/10

12th Standard:

Mary Gardiner's Convent School   Lucknow, Uttar Pradesh

CBSE CGPA: 8.0/10   March 2022

10th Standard:

St. James Senior Secondary School   Hardoi, Uttar Pradesh

CBSE CGPA: 9.48/10   March 2020

Projects

SpeechConnect :

- Developed 'SpeechConnect' 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.
- Utilized 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:

- Built a system for winning a lottery contest using 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 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(Wifi, carpentary, plumbing,etc).
- Integrated direct access to college's VTOP platform for seamless information retrieval for students.

Jotter – Note taking website:

- Developed '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.
- Implemented text formatting(bold, italic, highlight, etc) to enhance note readability and personalization.

Extra-curricular

Blockchain Club

- Organized and successfully managed 300 students for the event.
- Conducted meetings and is contributing for the activities to be held in Advitya'24(College's main fest).

GDSC Club

Core member of GDSC Club in Blockchain team.

StartUp Club

- Co-founder and General Secretary of the club.
- Started it with the aim of helping all the budding startup in our college.
- Started a 6-month entrepreneurial program called 'Nirmaan 1.O' for helping the startups in our college to grow by providing the investments, network with different domain leaders and much more.

Activities

- Member of the dance group (TWSS) of our college and performed in many functions and fests.
- Secured 1st 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

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.