

Nupur Trivedi

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Education

VIT Bhopal University Bhopal, Madhya Pradesh
BTech Expected May 2026
Major in Computer Science and Engineering
Cumulative GPA: 9.04/10

12th Standard

Vitthal Vidyalaya School Vadodara, Gujarat
GSEB Cumulative Percentage: 77% Mar 2022

10th Standard

Tejas Vidyalaya School Vadodara, Gujarat
GSEB Cumulative Percentage: 89.7% Mar 2020

Projects

Book Recommendation System Sep 2023 – Nov 2023

- Description: Engineered a personalized book recommendation system utilizing Python and K-Nearest Neighbors (KNN) algorithms; enhanced user satisfaction through tailored suggestions based on user preference data points.
- Contributed as the Backend Developer in a 5-member team, ensuring faster integration and high-performance data processing.

Handwriting Detection System Nov 2023 – Dec 2023

- Description: Created a handwriting recognition system that achieved 70% accuracy in detecting and digitizing handwritten text using Python.
- Conducted comprehensive research and authored technical documentation that improved team productivity by offering concise literature reviews and step-by-step guides.

Amazon Sambhav Hackathon Nov 2024

- Developed an EcoScore Dashboard “Amazon EarthMark” to assess product sustainability by analyzing carbon footprint, water usage, energy efficiency, and recyclability, empowering consumers with actionable insights for eco-conscious decisions which led us to Round 2.
- Engineered core features for Amazon EarthMark in a 4-member team using HTML, CSS, JavaScript, ReactJS, Chart.js, and Node.js to assess product sustainability.

Co-curriculars

Coding

- 5-star Python coder on Hackerrank, solving advanced coding challenges with efficient solutions.

Extra-curriculars

National Service Scheme Nov 2023 – Present

- Conducted 2 blood donation camps and clothing drives, impacting 50+ beneficiaries.

Achievements

- Awarded Student of the Year Award in Primary School
- Runner-Up in the Intra-School Volleyball Tournament.
- Competed in National Netball Tournament and Zonal Chess Tournament demonstrating leadership and teamwork.

Leadership and Activities

Data Science Club VIT Bhopal

Content Team - Core Member Aug 2024 – Present

- Organized technical and non-technical events like FLAMES 2.0 with over 250+ attendees.

Anchoring & Event Management

- Hosted International Workshop on Programming in Data Analytics by Binghamton University, NY (150+ participants).
- Anchored EXPRESSIONS, a cultural event attended by 500+ students and parents across 4 schools.

Additional

Technical Skills:

- Programming Languages: Python, Java, HTML, CSS, JavaScript
- Tools & Technologies: MATLAB, Microsoft Excel, Tableau, PowerBI
- Other Skills: Data Analysis, Machine Learning

Languages: Fluent in Hindi, English; Conversational Proficiency in Gujarati

Certifications & Training:

- Online NPTEL Cloud Computing, May 24
- Online NPTEL Marketing Analytics, May 25
- MongoDB Associate Database Administrator, May 25

Hobbies:

- Avid reader of books by authors like Robin Sharma and Amish Tripathi.
- Engages in sports such as chess, basketball, and football.

Interests and personality

- Curious about how enterprise systems and software platforms work
- Passionate about scalable solutions in platform development, SAP, and software engineering
- Embraces exploration over perfection; values teamwork and continuous learning
- Self-motivated, problem solver, and open to learning PEGA/SAP platforms