

# TANISHA AGARWAL

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## PROFESSIONAL SUMMARY

Detail-oriented Computer Science student with a passion for Web3, digital finance, and strategic innovation. Skilled in building scalable solutions and analyzing data to support business growth. Eager to contribute to high-impact partnerships and drive value through collaboration, research, and client engagement. Thrive in dynamic environments with a growth mindset and a strong drive to make a meaningful impact.

## EDUCATION

### B.Tech in Computer Science (Core):

Sept 2022 - Oct 2026

- Vellore Institute of Technology (Bhopal), Madhya Pradesh, India
- CGPA: 8.61

### Secondary Education:

2020-2022

- St. Mary's Convent Inter College, Prayagraj, Uttar Pradesh, India
- 12th grade (ISC Board): 94%
- 10th grade (ICSE Board): 95%

## SKILLS

- **Programming Languages & Frameworks:** Java, C++, Python, JavaScript, React.js, Node.js, MongoDB
- **Web Development:** HTML, CSS, MERN Stack
- **Tools & Software:** MS Word, MS PowerPoint, MS Excel
- **Problem-Solving Skills:** Proficient in DSA, including sorting, searching, recursion, DP, graph traversal, and data structures like arrays, hashmaps, stacks, and linked lists.
- **Soft Skills:** Strong in Communication, Decision-Making, Critical Thinking, Attention to Detail, Team Collaboration, Adaptability, and Time Management.
- **Languages:** Fluent in English and Hindi

## CERTIFICATIONS

- **Marketing Analytics**-Swayam NPTEL (IIT KGP) (*May 2025*)
- **Cloud Computing** – Swayam NPTEL (IIT KGP) (*April 2024*)
- **The Bits and Bytes of Computer Networking** – Coursera (*December 2023*)
- **C Programming for Embedded Applications** – LinkedIn Learning (*March 2023*)
- **Python by Joe Marini** – LinkedIn Learning (*March 2023*)
- **Python Essentials** – Vityarthi (*May 2022*)
- **MATLAB Simulink Onramp** – MathWorks (*October 2022*)

## PROJECTS

### Tastebuds app - A food Delivery website

Nov 2024 - Feb 2025

- Developed "Tastebuds App," a full-stack food delivery platform using the MERN stack, serving 500+ users with seamless account creation, food browsing, ordering, and secure payment processing.
- Implemented an order management system, enabling users to track 1,000+ orders, improving transaction efficiency and user satisfaction by 30%.

### CBSEatEase! - website for CBSE board students

Feb 2024 - April 2024

- Engineered a systematic categorization method for 500+ past years' question papers, ensuring 100% syllabus compliance and enhancing exam readiness for 200+ students.
- Deployed advanced features like a 45-Day Syllabus Plan and a Pomodoro Timer, streamlining syllabus planning and improving user productivity by 30%.

### Book Recommendation System

Aug 2023 - Oct 2023

- Implemented an AI-ML-based recommendation system utilizing Collaborative and Content-Based Filtering, reducing the cold start problem by 40%.
- Optimized K-Means Clustering to analyze 1,000+ user preferences, achieving a 15% increase in recommendation accuracy.