

Tanisha Agarwal

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EDUCATION

Vellore Institute of Technology, Bhopal

B.Tech in Computer Science; CGPA: 8.7

Bhopal, India

Sep. 2022 – July 2026

St. Mary's Convent Inter College

12th Grade (ISC): 94%

Prayagraj, India

2022

St. Mary's Convent Inter College

10th Grade (ICSE): 95%

Prayagraj, India

2020

EXPERIENCE

Software Developer Intern

Pacifi (Unit of AITS Software Pvt. Ltd.)

Jan. 2025 – Mar. 2025

Remote

- Worked on software development tasks including coding, testing, and debugging.
- Collaborated with senior developers to implement features and resolve issues.
- Gained hands-on experience with professional software workflows.

PROJECTS

Tastebuds App – Food Delivery Website

Nov. 2024 – Feb. 2025

- Developed and deployed a MERN stack web app enabling secure browsing, ordering, and payment.
- Implemented real-time order tracking and management via RESTful APIs.
- Integrated JWT authentication to secure user sessions and sensitive data.
- Designed a responsive UI/UX for seamless multi-device experience.

CBSEatEase – Student Resource Website

Feb. 2024 – Apr. 2024

- Built a responsive platform organizing CBSE exam papers by chapter, topic, and year.
- Implemented analytics to highlight frequently repeated exam questions.
- Developed a structured 45-Day Study Plan with daily tasks and mock tests.
- Integrated Pomodoro Timer to boost student productivity and focus.

Book Recommendation System

Aug. 2023 – Oct. 2023

- Created a personalized book recommender using KNN, collaborative, and content-based filtering on 10,000+ book dataset.
- Achieved 85% recommendation accuracy by implementing hybrid model combining 3 filtering techniques.
- Reduced cold start problem by 60% using content-based filtering for new users with limited data.
- Optimized recommendation speed by 40% using cosine similarity and efficient data preprocessing techniques.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, SQL, HTML, CSS, Node.js, React.js, Express.js

Databases: MongoDB, MySQL

Tools/Platforms: Git, Figma, Power BI, Tableau, MS Excel, PowerPoint, Word, AWS

Methodologies: Agile, Waterfall, SDLC

Concepts: DSA, OOPs, DBMS, Web Development

Soft Skills: Leadership, Critical Thinking, Public Speaking, Teamwork, Problem-Solving, Adaptability, Communication, Time Management

CERTIFICATIONS

Generative AI: IBM (May 2025)

Cyber Security Analyst: IBM (May 2025)

Marketing Analytics: NPTEL, IIT KGP (May 2025)

Cloud Computing: NPTEL, IIT KGP (Apr. 2024)

Embedded C Programming: LinkedIn Learning (Mar. 2023)

Python Programming: LinkedIn Learning (Mar. 2023)

ACHIEVEMENTS

Solved 200+ DSA problems on LeetCode.

Runner-up, Inter-College Bournvita Quiz.

Awarded Merit Scholarship for academic excellence.