

# Tanisha Agarwal

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## EDUCATION

<b>Vellore Institute of Technology, Bhopal</b>	Bhopal, India
<i>B.Tech in Computer Science; CGPA: 8.7</i>	Sep. 2022 – July 2026
<b>St. Mary's Convent Inter College</b>	Prayagraj, India
<i>12th Grade (ISC): 94%</i>	2022
<b>St. Mary's Convent Inter College</b>	Prayagraj, India
<i>10th Grade (ICSE): 95%</i>	2020

## EXPERIENCE

<b>Software Developer Intern</b>	Jan. 2025 – Mar. 2025
<i>Pacifi (Unit of AITS Software Pvt. Ltd.)</i>	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

<b>Tastebuds App – Food Delivery Website</b>	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.	
<b>CBSEatEase – Student Resource Website</b>	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.	
<b>Book Recommendation System</b>	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.