

# TANISHK GUPTA

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**GitHub:** <https://github.com/tanishkgupta790>

## OBJECTIVE

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MCA final-year student with knowledge of Python, Java, C++, and SQL. Familiar with basic programming concepts, data structures, OOPs, and database fundamentals. Seeking a challenging role to apply problem-solving skills and contribute to data-driven decision-making.

## TECHNICAL SKILLS

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**Programming:** Python, Java, C++

**Database:** SQL (CRUD operations, joins, basic subqueries)

**Core CS:** Data Structures & Algorithm (Basic), OOP Concepts.

**AI/ML Fundamentals:** Basics of Machine Learning, Supervised & Unsupervised Learning

**Web Technologies:** HTML, CSS, JavaScript

**Tools:** VS Code, MySQL Workbench, Excel (Pivot Tables, VLOOKUP/XLOOKUP).

**Soft Skills:** Analytical Thinking, Problem Solving, Communication, Team Collaboration

## EDUCATION

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### Master of Computer Applications (MCA)

Pranveer Singh Institute of Technology, AKTU

CGPA: 8.93

2024 – Present

Kanpur, India

### Bachelor of Science (B.Sc.) in Computer Applications

Brahmanand College, CSJMU

CGPA: 7.84

2021 – 2024

Kanpur, India

## ACADEMIC PROJECTS

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### MediConnect Plus – Health, Appointment & Donation Platform [↗](#)

*Academic Project — Developer*

- Developed basic user interface features for login, appointment booking, and donor registration
- Created reusable and well-structured React components
- Worked with team members to understand application requirements
- Focused on improving user experience and application usability

### Shifra – AI Voice Assistant (Web Application) [↗](#)

*Personal Project — HTML, CSS, JavaScript, Web Speech API*

- Developed a browser-based voice assistant using JavaScript
- Used Web Speech API for speech recognition and voice response
- Improved application logic for better performance and user interaction

### Expense Tracker – Web Application [↗](#)

*Personal Project — HTML, CSS, JavaScript*

- Developed a web-based application to track income and expenses
- Calculated total income, expenses, and remaining balance dynamically
- Visualized income and expenses using charts for better understanding
- Improved user interaction through real-time updates of balance and transactions

## CERTIFICATIONS

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- Programming Fundamentals using Python – Infosys Springboard
- Java Programming Certificate – Udemy
- Database Management System – Infosys Springboard
- Problem Solving Using C - NPTEL

## EXTRACURRICULAR ACTIVITIES

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- Took initiative in planning and coordinating inter-house school competitions by managing teams, schedules, and smooth event execution
- Actively volunteered in college-level academic and cultural events, supporting coordination and on-ground operations
- Developed strong leadership, teamwork, and communication skills through continuous participation in extracurricular activities