

# DARSHIL SONI

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## Professional Summary

Enthusiastic and dedicated iMSc (Information Technology) student currently in the 5th semester, with a strong foundation in app and web development. Demonstrates excellent understanding of database management and a keen interest in adopting latest technologies to build innovative digital solutions. Committed to continuous learning, problem-solving, and delivering high-quality results in every project.

## Education

- **Integrated M.Sc. in Information Technology (iMSc IT)**
- JG University, Ahmedabad - Pursuing (Currently in 5th Semester)
- **Higher Secondary Education (Commerce Stream)**
- H.B. Kapadia New High School, Ahmedabad - Completed in 2023

## Skills

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

**App Development:** Flutter, Android Studio, Firebase Integration

**Web Development:** HTML, CSS, JavaScript

**Database & Cloud:** MySQL, SQLite, PostgreSQL, Firebase, Supabase

**Game Development:** Play Store Publishing, Game Design & Optimization

**Design & Media Tools:** Adobe Photoshop, Adobe Illustrator, Adobe After Effects, Blender

**Soft Skills:** Problem Solving, Team Collaboration, Time Management, Adaptability, Creative Thinking, Communication, Project Management

## Projects

### 1. Gesture Guardian (Python)

A unique and entertaining computer vision-based game that uses the laptop camera to track the player's hand movements. The player hits objects by closing their hand, acting as the control mechanism. Implemented with OpenCV, MediaPipe, and SQLite for data management. This project was presented at the University Tech Cast event, where it received strong appreciation for innovation and creativity.

Technologies Used: Python, OpenCV, MediaPipe, SQLite

### 2. Law & Constitution AI Chatbot (Hackathon Project)

Led a 6-member team in developing a cross-platform AI-powered legal assistant that provides information on Indian law and the Constitution. The project included both a mobile app and website connected through a common Firebase database, with Gemini API for natural conversation handling.

Responsibilities: Team leadership, task management, Android app development (Flutter), Firebase integration

Technologies Used: Flutter, Firebase, Gemini API, Web Technologies

### 3. Tic Twist – Advanced Tic Tac Toe (Play Store Game)

Developed and published a modern, feature-rich version of Tic Tac Toe on the Google Play Store. The game features strategic bot mode, local friends mode, and online multiplayer rooms (up to 4 players). Designed with an impressive and intuitive UI, offering a smooth and engaging gameplay experience.

Technologies Used: Flutter, Firebase, Android Studio

**Worked on several additional innovative applications and systems across web and app development, with all projects and achievements showcased on my personal portfolio.**