

## TANISHI TYAGI

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### 🎯 Profile Summary

I am a **Dual Degree (BTech + MS by Research) student in Computer Science at IIIT Hyderabad**, passionate about **technology, innovation, and research**. My interests lie in **IoT, AI, and medical technology**, and I am actively involved in both **technical and cultural** initiatives on campus.

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### 🎓 Education

**Dual Degree (BTech + MS by Research) - Computer Science**

📍 IIIT Hyderabad | 📅 1st Year

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### 💻 Technical Skills

- **Programming Languages:** Python, JavaScript, C, C++
  - **Web Development:** HTML, CSS, JavaScript
  - **Embedded Systems & IoT:** Arduino, ThingSpeak
  - **Tools & Technologies:** Git, GitHub
  - **Other Skills:** Data Structures & Algorithms, Problem Solving
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### 🚀 Projects

#### Tech-Medical Startup (Data Aggregation Model)

- Developing a **data aggregation model** to **organize prescriptions from different doctors**
- Includes **doctor appointment scheduling** and **medical record management**
- Aims to streamline **healthcare data accessibility**

#### IoT-Based Blind Stick

- Building an **IoT-enabled smart stick** for **visually impaired users**
- Features **SOS emergency alerts** and **real-time object detection**

- Uses **sensor-based navigation** for enhanced mobility
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## Work Experience

### Choreographer - TDC (Dance Club of IIIT-H)

#### 2024 - Present

- Choreographed **college performances and cultural events**
- Managed **team coordination and performance planning**

### Social Media Team - Felicity (IIIT-H Annual Event)

#### 2024 - Present

- Created **digital content and marketing strategies**
  - Managed **social media engagement and promotions**
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## Certifications & Achievements

- **AIR 53 in UGEE (IIIT Hyderabad Admission Exam)**
  - Active participant in **coding and research activities**
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## Languages Spoken

- **Hindi** (Native)
  - **English** (Fluent)
  - **German** (Basic)
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## Interests & Hobbies

- **Dancing** (Choreography & Performances)
- **Startups & Entrepreneurship**
- **Creative & Technical Innovation**