AVI GUPTA

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Portfolio Website | LinkedIn Profile

EDUCATION

Year	Degree	Institute	CGPA/%
2024 - 2028	B.Tech (ECE)	Delhi Technological University (DTU), New Delhi	Pursuing
2024	12th CBSE	Nehru World School, Ghaziabad	97.2%
2022	10th CBSE	Nehru World School, Ghaziabad	94.0%

PROJECTS

- **SmartFlex System**
  - Developed an intelligent timetable generation system using **Python** and **Google OR-Tools**.
  - Implemented full-stack constraints optimization to automate and streamline class scheduling.

- **Human-Like CMS**
  - Built a context-aware content management engine focused on logic automation.
  - Integrated **NLP** capabilities to create adaptive and human-like content workflows.

- **Sonic UI**
  - Designed a high-fidelity music streaming interface replicating core functionalities of Spotify.
  - Focused on responsive front-end design and interactive user experience using modern web technologies.

TECHNICAL SKILLS

- **Languages:** Java, Python, C, JavaScript, HTML, CSS
- **Frameworks & Tools:** FastAPI, MySQL, MongoDB, Git
- **Concepts:** Data Structures & Algorithms (DSA), Machine Learning, Web Development

COURSES AND CERTIFICATIONS

- DSA with Java (Alpha): Apna College
- Full Stack Web Development (Delta): Apna College
- Java Advanced (OOP Concepts): LearnTube

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Secured **All India Rank 15057** in JEE Mains 2024.
- Achieved **97.2%** in Class 12th CBSE Board Examinations.