

Om Chauhan

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Education

Indian Institute of Information Technology Design and Manufacturing *Nov 2022 - present*
Kurnool *GPA: 8.1/10*
Btech in Artificial Intelligence and Data Science

Experience and leadership roles

XForms business solution [🔗](#) *May 2025 - present*
AI application developer intern

- Created a platform that medical representatives in report generation and path optimization
- tech used : Django for backend, Flutter for application, Agentic AI with RAG for language supported product catalog summarization, GenAI for Data extraction, Assembly AI speech to text api

Placement coordinator *Aug 2024 - present*
At IIITDM Kurnool

- Campus ambassador for OpenAi X nextWave and organized many work-shops
- Campus Ambassador at Ecell IIT Bombay [🔗](#)

Projects

Blogging platform using Spring boot [github](#) [🔗](#) *Jan 2025*

- **Description :** Designed and developed a full-featured blogging platform with a microservices architecture to ensure scalability, maintainability, and modularity.
- **Key features:**
 - Built the backend using Spring Boot, leveraging microservices to handle user management, blog management, and comment services independently.
 - Utilized Thymeleaf for creating dynamic and responsive web pages
 - Ensured seamless communication between services using REST APIs.
- **Tools and technologies :** Java, Spring Boot, Thymeleaf, Microservices

Music recognition and recommendation system *Dec 2023*

- **Description :** Developed a program that recognizes a playing song and recommends five similar tracks based on its characteristics.
- **Key features:**
 - Utilized the Shazam API to convert music into fingerprints for recognition against a song database.
 - Retrieved detailed metadata of the recognized song using the Spotify API.
 - Recommended top 5 similar songs by applying the K-Nearest Neighbors (KNN) algorithm on a curated dataset of Spotify songs.
- **Tools and technologies :** Python, Numpy, Scikit-learn

Skills

Languages: C++, C, Java, Dart, Python, R, SQL, JavaScript

Technologies: Spring boot, Hibernate, firebase, Flutter, Power BI

Certificates and achievements

Google Data Analytics [🔗](#)