HARSHVARDHAN SHARMA

Software Developer

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EDUCATION

ACROPOLIS INSTITUE OF TECHNOLOGY AND RESEARCH

Pursuing B.Tech (Information Technology)
2022 - 2026

FATIMA CONVENT H.S. SCHOOL,

ISC (10+2) | PCM | 70.4%

FATIMA CONVENT H.S. SCHOOL,

ICSE(10th) | 78.2%

SKILLS

- CPP
- JAVA
- PYTHON
- SQL , Mongo DB
- MACHINE LEARNING
- DEEP LEARNING
- DATA STRUCTURES & ALGORITHMS
- REST API
- GITHUB

ABOUT ME

Curious and driven undergraduate with a strong passion for Data Science and Machine Learning. Focused on building innovative, future-oriented solutions and eager to contribute to meaningful, real-world projects. Comfortable working in teams, quick to adapt, and always ready to take on new challenges.

PROJECTS

AMAZON PRODUCT RECOMMENDATION SYSTEM

Tags: Collaborative Filtering,Python, Surprise Library, Data Preprocessing

Built a product recommendation system on Amazon ratings using item-based collaborative filtering (Surprise, Python).

MULTI-DX

Tags: Python, Machine Learning, Flask API, Pandas,TensorFlow, OpenCV and MongoDB.

Developed a health risk prediction system with four ML models estimating heart attack, mental health, diabetes, hypertension risk with image based skin infection prediction .

VEGETABLE DISEASE DETECTION SYSTEM

Tags: Python, Machine Learning, TensorFlow, OpenCV, Flask.

Designed a Python-based system using ML and OpenCV for fast crop disease detection, enabling farmers to quickly diagnose issues via a simple interface.

ATTENDENCE MANAGEMENT SYSTEM

Tags: Java, SQL, JDBC, REST API

Built the backend for a Java-based system to manage student attendance, using JDBC for database operations and logic handling.

CERTIFICATES AND ACHIEVEMENTS

- Certificate of Completion of Data Structure and Algorithm (UDEMY).
- Certificate of NPTEL in DBMS.
- Ranked in the top 20% of Leet Code users.