

# kartik Tiwari

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## EDUCATION

### Bachelors of Computer Application (BCA) Specialization in AIML (Pursuing )

Sanskriti University, Mathura  
2023- 2026 (expected)

#### XII (CBSE)

CNSPS Public School, Agra  
(2023)

#### X (CBSE)

John Milton Public School, Agra  
(2021)

## CERTIFICATIONS

- Infosys Springboard - Learn & Master C Programming
- Infosys Springboard - python Fundamentals
- IEEE -Student Member of 2024
- Apna college - Fullstack Web Development

## UNDERGRADUATE COURSEWORK

- Operating System
- Data Structures & Algorithms
- R-DBMS
- Object Oriented Programming
- Computer Networking
- problem solving using programming
- python programming

## Experience

- Interned as a Frontend Developer at **Hyrstic Solutions.**

## SKILLS

### Languages

- c programming
- JavaScript
- Java
- Python

### Technologies

- HTML, CSS
- MySQL
- Mongo DB

### Library & Framework

- Tailwind
- Bootstrap
- Pandas
- NumPy
- Matplotlib
- Scikit-learn
- React
- Node
- Express

### Tools

- Git & GitHub
- Burp suit
- Sqlmap
- Linux
- Nmap
- Wireshark

## PROJECTS

### Movie Recommender System

**Tech Stack:** Python, Pandas, Scikit-learn, Streamlit, TMDB API

**GitHub:** [github.com/ktkartiktiwari/Movies\\_recommender\\_system](https://github.com/ktkartiktiwari/Movies_recommender_system)

**Purpose:** Helps users find similar movies based on their taste, solving the problem of decision fatigue on large streaming platforms.

**Logic Used:** Applied content-based filtering using cosine similarity to recommend movies with similar genres, cast, and keywords.

#### Implementation Highlights:

- Processed movie metadata using **Pandas**
- Calculated similarity scores with **Scikit-learn**
- Integrated **TMDB API** to display dynamic posters and overviews
- Built a sleek, interactive UI using **Streamlit**

### Clone of Amazon

- Build clone website of **Amazon.com** purely using **HTML, CSS**.

**Github :** <https://github.com/ktkartiktiwari/Amazon-clone>

## VOLUNTEER

- Volunteered for stem cell donation for blood cancer patients worldwide in DKMS-BMST Foundation.