Nayan Awasthi

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Mathematics And DataScience
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EDUCATION

Degree/Examination	Institute/Board	CGPA/Percentage	Year
B.Tech. Mathematics and Data science	Maulana Azad National Institute of Technology(NITB)	8.03 (Current)	2021-2025
HSC (class XII)	P B P R D T Inter College	82.4%	2020
SSC (Class X)	Chacha Nehru S I C Inter College	82.4%	2018

PROJECTS

- **Image Classifier**   ○

  OpenCv, Sklearn, Wavelet tranform, Flask, HTML, CSS, JavaScript
  - In this data science and machine learning project, we classify sports personalities. We restrict classification to only 5 people, 1.Maria Sharapova 2.Serena Williams 3.Virat Kohli 4.Roger Federer 5.Lionel Messi
  - we deployed it into web app which shows the probability of matching of given face's to those 5 sports celebrity
- **Book Recommendation System**   ○

  Cosine Similiarity, KNN, Streamlit
  - employs collaborative filtering, a powerful technique that harnesses user preferences to suggest books tailored to individual tastes.
  - With a seamless Streamlit interface, users can effortlessly explore personalized recommendations based on their interests.
- **Posenet**   ○

  HTML, ML5.Js, P5.Js
  - PoseNet is a real-time pose estimation model that identifies 17 key points on the human body, creating a skeletal representation.
  - Used in web development for interactive applications, it tracks body movements from a camera feed, with key points like nose, eyes, shoulders, and more.

EXPERIENCE

- **Aaroha(NGO)**   *2021-2022*

  AAOD VOLUNTEER   MANIT-BHOPAL
  - Taught 10 Students
  - participate in largest event A se AAH
- **Zenith-The Programming Club Of Manit**   *july 2022-present*

  MEMBER   MANIT-BHOPAL
  - Maintain the Coding Culture in Manit

TECHNICAL SKILLS

Programming Languages: C, C++, DATA STRUCTURE AND ALOGORITHM, R, PYTHON, HTML, CSS, SQL

Frameworks/Tools: TenserFlow, Scikitlearn, Pandas, Numpy, Matplotlib,Seaborn

Technical Proficiencies: Data Structure And Algorithms,Object Oriented Programming, Matchine Learning, Computer Vision, Neural Network

CODING PROFILES

- **LeetCode**
- **CodeForces**
- **Codechef**

ACHIEVEMENTS

- **Pupil At Codeforces**
- **3 Star At Codechef**
- **Secured 17K Rank IN JEE Advanced**
- **Secured 14K Rank in JEE Mains**
- **Solved 500+ Questions On Platfroms Like Leetcode, GFG, codeforces, Codechef And Codestudio**
- **Succesfully Completed the Competencies of Employability skills Program Wadhwani Opportunity's 21st Century**