

Ashpreet Singh Wadhwa

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EDUCATION

LNCT

B.TECH IN CSE

2021-2025

Bhopal | Cum. GPA: 8.14

ST. JOSEPH'S CONVENT

12TH GRADE-CBSE BOARD

Khandwa M.P | PERCENTAGE: 95.6

ST. JOSEPH'S CONVENT

10TH GRADE-CBSE BOARD

KHANDWA | PERCENTAGE: 92

LINKS

Portfolio://Ashpreet

GitHub://Ashpreet

LinkedIn://Ashpreet

LeetCode://Ashpreet

CodeChef://Ashpreet

SKILLS

PROGRAMMING

C++,Python,Java

Machine Learning

Html,Bootstrap

Mysql

Data Structure and Algorithm

Competitive Programing

FRAMEWORK TOOL

Pycharm,Github

Flask(Backend)

Jupyter

Arduino

COURSEWORK

GRADUATE

Programming In C++

Data Structure and Algorithm

ML(Coursera course)

COMMUNITY INVOLVEMENT

Founder of ByteHeaven a coding community that helps students access better resources and opportunities

PROJECT

BRAIN TUMOR DETECTION

GitHub Repo | <https://brain-tumor-detection-vs5l.onrender.com>

- Brain Tumor Detection:-Used Sequential model and developed a model using CNN Layer to detect tumor from Brain MRI Image.
- Accuracy:-97%
- Developed by Sklearn,flask,Matplotlib,Tensorflow,Keras,numpy,pandas,html,css

BOOK RECOMMENDATION

GitHub Repo | <https://book-recommender-aa2z.onrender.com>

- Book Recommendation:-Used Collaborative filtering and Vectors to find similarity between Users and recommending books.
- Sklearn,flask, Matplotlib,numpy,pandas,html and css

MOVIE RECOMMENDATION

GitHub Repo |

- Used Content Based by finding cosine similarity between movie and recommending similar movies.
- Sklearn,flask, Matplotlib,numpy,pandas,html and css

SPAM DETECTION

GitHub Repo

- Used NLP(Natural Language Processing) and vectors to find words related to spam
- Accuracy:-97.87%
- Developed using Nltk,Sklearn,Numpy,Pandas.

ARDUNIO PROJECTS(IOT OR EC)

GitHub Repo

- Developed a small car that uses infrared sensor and Arduino to follows the black line automatically
- Fire Alarm System , Gas detection System and some basic projects using Infrared , Ultra sonic , Temperature and Humidity sensor(DHT).

EXPERIENCE

BHARAT INTERN | MACHINE LEARNING INTERN

March 2023 – April 2023

- Developed a Iris flower classification using Sklearn,Numpy,Matplotlib and Pandas.
- Developed a House Price Prediction using Sklearn,Numpy,Matplotlib and Pandas.

ACHIEVEMENTS

- Achieved 2-star rating in CodeChef(1490 MAX).
- Achieved 4 Star badges in HackerRank (Python).
- Achieved 5 Star badges in HackerRank (Java).
- Contributed to Open-Source Projects and Hacktoberfest 2022.
- Participated in Hackathons like SIH-2022, Electhon-2023 (Hack2Skill).