

Manas Purohit

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Summary

Enthusiastic and adaptable aspiring Software Engineer with strong interpersonal and problem-solving skills, eager to contribute to a collaborative team environment. Known for excellent communication, quick learning ability, and a positive attitude towards tackling new challenges. Skilled in managing time effectively, and eager to apply academic knowledge in a practical, real-world setting and committed to personal and professional growth with a strong foundation in Python, C++, HTML, CSS and a passion for learning and innovation.

Education

Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

July 2021 – June 2025

BTech in Computer Science Engineering

- CGPA: 7.46/10

Standard Public School, Indore, Indore

April 2020 – May 2021

Higher School Certificate (CBSE 10 + 2)

- Percentage: 80.0/100

Standard Public School, Indore

April 2018 – May 2019

Senior School Certificate (CBSE 10)

- Percentage: 81.4/100

Projects

BloomNet: Flower classification system

Oct 2024 - Nov 2024

- Developed a machine learning model to classify various types of flowers based on images, using a Convolutional Neural Network (CNN) architecture and the MobileNet model and achieved accuracy of 89.93
- Tools Used: Python, TensorFlow, Keras, Flask.

LibraTrack: E-Book Tracking System

July 2024 – Sep 2024

- Developed a web based e-library management system with a multi-user interface, enabling efficient management of library resources and user interactions.
- Python (Flask framework), SQLite for database management and data storage, HTML, CSS for front-end, and Bootstrap for styling.

Bangalore House Price Prediction Model

March 2024 - April 2024

- Developed a machine learning model to predict housing prices in Bangalore using datasets of local property features. Employed techniques including Linear Regression, Lasso, and Ridge to apply regularization.
- Conducted data preprocessing, including removal of outliers and feature engineering, achieving a R2 score of 0.823 using Ridge Model.

Skills

Technical Skills: Python, C, C++, HTML, CSS, DBMS, MySQL, Microsoft office

Soft Skills: Communication, Teamwork, Public Relation, Time Management, Strategy Building

Certifications

The Joy of Computing using Python

NPTEL

Cloud Application Developer

IBM

The Ultimate MySQL Crash Course

Udemy

Enhancing Soft Skills and Personality

NPTEL

Hobbies

Photography and Videography

Travelling

Gaming