**Prabhati Bhatt**

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**Education**

**VIT Bhopal University**        Bhopal, Madhya Pradesh

B-Tech                Expected May 2026

Major in Computer Science with specialization in Artificial Intelligence and Machine Learning

Cumulative GPA: 8.83/10

**12th Standard**

**St. Joseph’s Co-Ed Sr. Sec. School**Bhopal, Madhya Pradesh

CBSE Percentage: 89%         July 2022

**10th Standard**

**St. Joseph’s Co-Ed Sr. Sec. School**Bhopal, Madhya Pradesh

CBSE Percentage: 92%         July 2018

**Internship**

India Space Lab Winter Internship Technical Training Program       Dec 2024 – Jan 2025

* Incorporated knowledge gained on Advance Drone Technology, CanSat and CubeSat Satellite Programs, Astronomy and Space Entrepreneurship with practical applications.

**Projects**

Cardiovascular Disease Detector App                 Oct 2023 – Nov 2023

* To solve and reduce sudden risks of cardiac ailments, the idea was revamped and developed.
* A cardiovascular disease detector that incorporated ECG images and lifestyle parameters as input features trained over machine learning models: gradient boosting for lifestyle parameters yielding accuracy of 73.59% and random forest for ECG images that yielded an accuracy of 97.31%
* I contributed as a front-end developer for the app and tested the accuracy of models through machine learning algorithms. The app was designed in Java language at Android Studio.

Leave Management website         July 2023

* A dedicated website for a company that allows its workers to apply and sanction leaves following a hierarchical protocol was customized to resolve some basic issues.
* Engineered a high-performing website using HTML, CSS, and JavaScript, surpassing benchmark criteria with accuracy of 82% and enhancing user engagement through intuitive design and seamless navigation.

Grocery List Website June 2023

* Spearheaded the successful execution of a website development project utilizing HTML, CSS, and JavaScript; achieved an accuracy rate of 87%

Library Management System Jan 2022.

* Libraries lack a comprehensive book collection. In response, I introduced a system featuring book management, issuance, return tracking, pricing, and cataloging.
* The project was developed using python and libraries: pandas and numpy

**Activities**

**Data Science Club**         Nov 2023

* Attended their workshops and identified the basics of machine Learning domain

**Python Essentials Course** May-2023

* Successfully completed the course over programming in Python in collaboration with VITyarthi platform.

**Courses/Trainings/Internships**

**Applied Machine Learning in Python** December 2023

* University of Michigan
* Skills acquired: Discovered about machine learning algorithms, training and visualizing the model using python, deep learning in nutshell in addition to data leakage and data mining.

**Web Development**  June 2023

* Externs Club with IIT(Kanpur)
* Skills acquired: Development of simple web pages using HTML, CSS and JavaScript

**Cyber Security** Jan-March 2024

* Interns Club with IIT(Bombay) and NIT Hamirpur
* Skills acquired: Knowledge about structure and working of network and systems, the malpractices involved and measures to ensure security.

**Privacy and Security in Online Social Media** Jan-April 2024

* SWAYAM NPTEL
* Skills acquired: Human- social media relation, their interaction, usage, trend, perspective, approach as well as working of graphs and algorithms over these platforms and drawing conclusions through the data.

**Finlatics Business Analyst Experience Program** Jan -Feb 2025

* Atal Innovation Mission, NITI Aayog & Government of India

**Extracurricular Activities**

* Participation in Microsoft Cloud Skills Challenge.
* Participated in Google Girl Hackathon
* Accomplished problem solving challenges over ‘LeetCode'.
* Training and application of Machine Learning models over Kaggle.

**Additional**

**Technical Skills**:

* Language: Python, Java, C++, HTML, CSS, JavaScript;
* Tools: SQL, MATLAB, Microsoft Office (Word, Excel, PowerPoint)
* Libraries: Numpy, Pandas, sklearn, Matplotlib

**Languages:**Fluent in Hindi and English.