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
- Modules on Advance Drone Technology, CanSat and CubeSat Satellite Programs, Astronomy and Space Entrepreneurship.

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.

Health-O-Tech Club   Nov-2022

- Enhanced my knowledge about incorporating technology with the medical field to enhance the treatment procedures through the event 'Brain Computer Interface'.

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.

<u>Ongoing Projects/Internships/Trainings</u>

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; [beginner]
- Tools: SQL, MATLAB, Microsoft Office (Word, Excel, PowerPoint)

- Libraries: Numpy, Pandas, sklearn, Matplotlib

Languages: Fluent in Hindi and English.