

ARYAMAN PUROHIT

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EDUCATION

Indian Institute of Information Technology, Bhopal

B. Tech in Computer Science & Engineering - CGPA - 9.6

2022 – 2026

Bhopal, Madhya Pradesh

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating System
- Database Management System (DBMS)
- OOPS Concept

PROJECTS

PlantEase / CNNs, Tensorflow, Keras, OpenCv, Streamlit, HTML, CSS

- Developed a comprehensive machine learning project aimed at detecting diseases in plant leaves using advanced **deep learning techniques**. This project harnesses the power of **Convolutional Neural Networks (CNNs)** built with **TensorFlow** and **Keras** and **OpenCV** providing an efficient and accurate method for identifying plant leaf diseases.
- [Live site here](#)

CoolBot / NLTK, SentimentIntensityAnalyzer, Numpy, Pandas

- Developed an intelligent chatbot that leverages **advanced Natural Language Processing (NLP)** techniques to provide meaningful responses to user queries. The chatbot utilizes the **TF-IDF vectorizer** for understanding the context of questions and incorporates sentiment analysis to gauge the emotional tone of user inputs.

Airline Customer Feedback Tableau Dashboard / Tableau

- Developed a fully **interactive Tableau dashboard** to analyze airline customer feedback. The dashboard provides insights through various **maps, charts, and graphs**, and includes filters for analysis based on different criteria such as time, seat type, traveler type, and review sentiment.

TECHNICAL SKILLS

Languages: Python, C, C++, HTML, CSS, JavaScript, SQL

Developer Tools: VS Code, Git, Github, Netlify, Render, StreamlitCommunity

Technologies/Frameworks: ComputerVision, NLP, Deep Learning, Image Processing, Flask, Streamlit,

EXTRACURRICULAR

IIIT Bhopal Teaching Assistant

January 2024

- Assisted the faculty in teaching, **preparing course materials**, and **supervising projects** for first-year students.

CODAME Team Member

July 2024

- Organized and managed introductory sessions for **100+ freshers** on **Competitive Coding, Data Structure and Algorithms**
- Helped in creating content for contests organized by CODAME.

Volunteering And Hosting

- Hosted various events like Independence Day, Republic Day, Hindi Diwas and other technical sessions.
- Contributed 5+ literary writings for IIIT Bhopal's literature club on the official social media platforms.

ACHIEVEMENTS

- Solved various DSA problems from **CodeChef** and **LeetCode** Practice Section, building problem solving skills
- 3 Star Coder On HackerRank Platform.
- Was in TOP 80 Performers in Coding Contest Organized by AlgoUniversity.
- Participated in Various CodeForces Contests.
- Participated in Coding Competitions of top students of IITs/NITs and IIITs