datadatadatadatadata

Pratham Dhingra

**+91- 7082837169 | prathamdhingra18@gmail.com | Github | Leetcode | LinkedIn**

A motivated Computer Science student with a solid foundation in algorithms, programming, and software development. Eager to apply my skills and gain practical experience through internships and projects. Seeking opportunities to contribute to real-world software solutions.

**-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**EDUCATION**

· **University of Petroleum and Energy studies — Dehradun**, Uttarakhand **2022-2026**

**Bachelor of Technology in Computer Science GPA: 7.2**

· **Mukand Lal Public School — Yamunanagar, Haryana**

**2021-2022**

**Class 12 (CBSE)**

· **Mukand Lal Public School— Yamunanagar, Haryana**

**2019-2020**

**Class 10 (CBSE)**

**-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**INTERNSHIPS**

**Social Intern**

*Red Cross Rivera Foundation — Yamunanagar, Haryana | June 2023*

Spearheaded outreach initiatives for child safety, women empowerment, and environmental programs, engaging with 500+ participants and achieving a 25% increase in program enrollment through targeted campaigns

**-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**PROJECTS**

**HealthMate: AI-Powered Health Chatbot**

Tech Stack: Python, TensorFlow, Kubernetes, Vultr Cloud

· Engineered an NLP-driven health chatbot using TensorFlow and Kubernetes, deployed on Vultr Cloud.

· Secured Top 5 placement out of 3,500 participants in the Vultr Cloud Hackathon by optimizing natural language

processing algorithms, reducing response latency by 30%.

**Automated Species Recognition System** | Team Leader

Tech Stack: C++, Python, LibTorch, OpenCV, TensorFlow.

Developed a CNN-based system using LibTorch in C++ for real-time species classification. Led a team of 5 in development and testing, optimizing model performance.

**Movie Recommendation System**

*Tech Stack: Python, Cosine Similarity, Scikit-learn*

· Developed a scalable movie recommendation system using Python, cosine similarity, and Scikit-learn, capable of

processing 10,000+ movie titles.

· Improved recommendation precision by 20% through iterative fine-tuning of similarity algorithms.

**-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**Technical Skills**

· **Programming Languages**: Python (Intermediate), Java (Advanced), C++ (Advanced), JavaScript (Intermediate)

· **Web Development**: HTML, CSS, JavaScript

· **Database Management**: MySQL, Oracle

· **Tools & Frameworks**: Node.js, TensorFlow, PyTorch, Keras, AWS, Git, Docker

· **Operating Systems:** Windows, Linux

**-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------**

**Soft Skills**

· *Problem-solving*

· *Object-Oriented Programming*

· *Version Control*

· *Data Analysis*