Prateek Dhanker

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SKILLS

- ❖ **Programming Languages:** C, C++, Python, PHP, JavaScript
- ❖ **Web Technologies:** HTML, CSS, Tailwind CSS, ReactJS, Node.js, Express, Flask, EJS, XML
- ❖ **Database:** MySQL, MongoDB
- ❖ **Problem Solving:** Data Structures and Algorithm, Object Oriented Programming (OOPS)
- ❖ **Machine Learning**
- ❖ **Data Science Libraries and Tools:** NumPy, Pandas, TensorFlow, Weka
- ❖ **Game Development:** Pygame
- ❖ **Version Control:** Git

EDUCATION

Netaji Subhas University of Technology (NSUT) | Bachelor of Technology   *Delhi* | Nov 2022 - Present
- **2026 Batch** – 4th Year
- Computer Science and Engineering (Data Science) – CSDS
- Current **CGPA: 8.89/10**

Central Board of Secondary Education | Class XII   *Delhi* | 2020 – 2021
- Result: Pass **97.6%**

Central Board of Secondary Education | Class X   *Delhi* | 2018 – 2019
- Result: Pass **93.6%**

EXPERIENCE

Walmart USA Advanced Software Engineering Virtual Experience Program on Forage - December 2024
- Completed the Advanced Software Engineering Job Simulation where I solved difficult technical projects for a variety of teams at Walmart.
- Developed a novel version of a heap data structure for Walmart's shipping department, showcasing strong problem-solving and algorithmic skills.
- Created an entity relationship diagram to design a new database accounting for all requirements provided by Walmart's pet department.
- Integrated data from CSV files into the database using Python, enhancing data accessibility and usability for Walmart's shipping department.

PROJECTS

Project 1 | CricCrazy
- **Description:** Developed a fully responsive web application for managing cricket player stats. The application includes user authentication with password encryption, comprehensive CRUD operations for player stats and other stats calculation with stats-based sorting of players.
- **Technologies Used:** HTML, CSS, JavaScript, Node.js, Express, EJS, MongoDB
- **Link:** CricCrazy

Project 2 | Disease Detection Using Medical Images
- **Description:** Built a Flask-based web application that detects multiple diseases from medical images using deep learning. The system supports Chest X-rays, MRIs, Ultrasounds and Retinal images for different diseases prediction. The app allows users to upload an image and receive disease predictions with confidence scores and visualization.
- **Technologies Used:** Flask, TensorFlow, OpenCV, Deep Learning (CNNs), Pandas, NumPy, Matplotlib
- **Link:** GitHub Repo

Project 3 | QuizAura
- **Description:** An interactive quiz website, with many quizzes on different topics. Features include user authentication, score tracking, and a simple responsive interface.
- **Technologies Used:** HTML, CSS, JavaScript, PHP, XML, MySQL

ACHIEVEMENTS

- **Certified in Data Structures and Algorithms (C++)** – *Coding Ninjas*
- **Earned Knight Badge on *LeetCode*** – *For top Contest Ratings.*