

PRATHAM SINGHAL

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EDUCATION

Btech - Information Technology, Netaji Subhas University of Technology, Delhi, India

Expected 2024

Current CGPA: 8/10

CBSE - Class XII, Ch. Chhabil Dass Public School, Ghaziabad, Uttar Pradesh, India

2018-2019

Percentage: 90%

TECHNICAL SKILLS

- **Programming:** C, C++, Python, HTML,CSS, JavaScript.
- **Frameworks/Library:** ReactJS, NextJS
- **Databases/Tools:** Git, GitHub, VSCode, Relation Databases(MySql).
- **Operating System:** Windows, Linux(Ubuntu).
- **Relevant Coursework:** Operating System, Data Structure and Algorithm, Database Management System(DBMS), Artificial Intelligence, Machine Learning, Web Technologies, OOPS.

PROJECTS

1. **Real-Time Chat Application with Camera, Microphone, and AI Integration** [Link](#) Dec 2023
 - Developed a feature-rich real-time chat application incorporating cutting-edge technologies such as Socket.io.
 - The application seamlessly integrates camera and microphone functionalities, providing a comprehensive communication experience.
 - **Tech Used** - ReactJS, Tailwind CSS, Socket.io, NodeJS.
2. **Stock Market Movement Prediction Model** [Link](#) Oct 2023
 - Collaborated in a team of 3 to articulate and implement the Hybrid model HKSVM, achieving over 60% accuracy in predicting stock market movements.
 - **Tech Used** - Python, Jupyter Notebook.
3. **Sorting Visualizer** [Link](#) June 2023
 - Designed and implemented a sorting visualizer application, enabling dynamic visualization of sorting algorithms like bubble sort and quicksort.
 - **Tech Used** - NEXTJS, Tailwind CSS.
4. **Music Player(Spotify Clone)** [Link](#) Oct 2022
 - Engineered a Spotify Clone (Web App), replicating the renowned music streaming platform and showcasing proficiency in frontend development.
 - **Tech Used** - HTML, CSS and JAVASCRIPT.

TRAINING AND CERTIFICATION

- **Intershalla - Web Development**

Aug 2023

Spearheaded the creation of a dynamic **PG Life Property Listing Web App** utilizing HTML, CSS, MySQL, and JavaScript, showcasing advanced skills and delivering a seamless user experience.

- **Intershalla - Machine Learning**

May 2022

Developed a **Housing Price Prediction model** utilizing logistic regression and various ML techniques during the training.

ACHIEVEMENTS

- Secured college rank 90 and AIR 3186 in CodeKaze 2023.
- Solved more than 1000 question in different coding platform. Solved 700+ questions on [leetcode](#).
- Knight on leetcode(max rating = 1869) and 3 star in Codechef (Max rating - 1772).
- Successfully cleared the round 1 and round 2 of Flipkart Grid 5.0.
- Secured rank in top 150 among 20k+ participants in Codegoda 2023 and Codegoda 2022.
- Secured 46 Global rank in CodeChef September Challenge 2021.