

PRANSHU VERMA

Phillaur, Punjab

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Education

Thapar Institute of Engineering and Technology

BE Electronics and Computer Engineering(CGPA of 8.17)

September 2020 - June 2024

Patiala Punjab, India

GreenLand Sr. Sec. Public School

CBSE XII(Aggregate of 84.4%)

March 2019 - March 2020

Ludhiana Punjab, India

St Joseph Convent School

ICSE X(Aggregate of 87.6 %)

March 2017 - March 2018

Phillaur Punjab, India

Projects

FITHUB | *HTML, CSS, JS, React, MaterialUI, Rapid API* | [Link](#)

- Developed a **React-based fitness portal**, that seamlessly integrates data from the **ExerciseDB API** and utilizes the **YouTube Search API**, enabling users to select exercise categories, muscle groups, and access extensive exercise details with practical examples
- Utilized **RapidAPI** to fetch data from multiple sources, such as exercise categories and related YouTube videos, enhancing the user experience and showcasing **React, API integration, and UI design skills**.

CINEBLISS | *HTML, CSS, Python, Pandas, Sklearn, Flask* | [Link](#)

- A **Movie recommendation system** for a movie streaming website, to suggest relevant movies to users.
- Implemented a Hybrid recommendation system combining **content-based filtering** (genre, actors, movie overview) and **collaborative filtering** (rating similarity); and analyzed data from the **IMDb 5000 Movie Dataset**.

Experience

Thapar ACM Student Chapter

Event-Management and Designing

Oct 2020 – July 2022

Patiala Punjab, India

- Eclipse** (Orchestrated the highly successful Eclipse event, integrating a Hackathon, Competitive Programming, and Designing; collaborated with the Tech team to design a seamless registration portal resulting in 500+ participants.
- Mindscape** (Aptitude and Riddle solving)- Video Editing and Publicity.

National Service Scheme- [NSS]

Member of unit 09

Oct 2021 – Nov 2022

Patiala Punjab, India

- Collected old winter clothes from students and faculty and distributed to needy people.

Coursework

- Object-Oriented Programming
- Database Management System
- Advance Data Structures and Algorithms
- Operating System
- Data Science Fundamentals
- Cloud Computing Technology
- Blockchain Technology

Technical Skills

Programming languages : C/C++, Python

Web Technologies : HTML/CSS, JavaScript, React

Miscellaneous : MySQL, Git/Github

Industry Knowledge : Web Development, Machine Learning, 3D-Modeling

Toolset : Adobe Premiere Pro, Adobe Illustrator, Blender, Figma

Achievements

- Achieved Google Cloud Platform Training and Certification badge for successful completion of the Course for Cloud Computing.(Link)
- Led and directed a dynamic video editing team, producing captivating videos for hackathons and tech events hosted by **Thapar ACM Student Chapter**, reaching an audience of 1000+ attendees..

Certifications

- PCEP – Certified Entry-Level Python Programmer certification [Python Essentials 1]
- PCEP – Certified Entry-Level Python Programmer certification [Python Essentials 2]