

Vivek

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SUMMARY

A Computer Engineering student with a strong academic background and hands-on experience in software development, particularly in React.js, Python, and Javascript. Proven track record of leadership as a Core Member, coupled with a passion for learning new technologies and solving complex problems.

EDUCATION

Thapar Institute of Engineering and Technology

B.E. in Computer Engineering with current CGPA of 8.7/10

Relevant Course Work : Object Oriented Programming, Operating System, Data Structures, Design and Analysis of Algorithms, Artificial Intelligence, Database Management System, Machine Learning, Linux.

Patiala, Punjab

September 2022 – Present

Universal Public School

High School, passed 12th standard with 95% and 10th standard with 92%

Gurugram, Haryana

April 2008 – May 2021

PROJECTS

Netflix Clone

React js, Restful APIs, Firebase

[Live](#) [Github](#)

- Developed a web-based platform mirroring the user experience and aesthetics of Netflix, incorporating responsive design principles and interactive features
- Revamped user experience by integrating trailer streaming capability and responsive design features, resulting in a 40% increase in user engagement.
- Watch trailers of movies of all categories .

Keeper App

React js, Javascript

[Github](#)

- The application is designed to help users organize and manage their to-do notes.
- It is created using the React js framework, a JavaScript library commonly used for building user interfaces.
- With this app, individuals can easily keep track of their tasks and enhance their productivity by efficiently managing to-do lists.

Movie Recommender System

Python, Pandas, Pickle, Streamlit

[Live](#) [Github](#)

- A Machine Learning Model which recommend 5 top movies based on user preference.
- On a data of 5000 movies of TMDB Dataset Handle null values, drop unnecessary columns, and preprocess textual data using Pandas and Numpy.
- apply appropriate vectorization techniques for textual data and compute the similarity matrix for movies using cosine similarity.
- Create the Frontend using Streamlit and Integrate the recommendation model with the Streamlit interface.

Skyscanner Front-End Software Engineering virtual experience programme on Forage - April 2024

- Completed a job simulation where I built a web application using React as a front-end engineer at Skyscanner.
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.
- Customised my application and ran automated tests to ensure it rendered properly.

EXPERIENCE / POSITION OF RESPONSIBILITY

Core Member Creative Computing Society, TIET

October 2022 – Present

- Mentored 50 students in a week-long, project-based React workshop, empowering participants with hands-on experience and practical skills in React js development.
- provided assistance in understanding React concepts, troubleshooting issues, and offering feedback on their project implementations

Core Member Saturnalia, TIET

April 2020 – April 2022

- Worked in Marketing Team and engaged in discussions with various founders and leaders of different companies.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, JavaScript

Framework: ReactJS, Angular.js, Streamlit, Pandas, OpenCV, Numpy

Back-end: Node js, Express js

Databases: PostgreSQL, MySQL, MongoDB

Developer Tools: Git, Docker, Postman, VS Code

ACHIEVEMENTS AND CERTIFICATIONS

Mentored participants at TIET Hack4Sustainability, a national level hackathon with over 1200 registrations. Got the Certificate for being in the top 15 teams at **Reckon 5.0 JIET Jodhpur**.