






Ayush Dwivedi

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EDUCATION

Kalinga Institute Of Industrial Technology

Oct. 2021 - Present

B.Tech Computer Science & Engineering

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Computer Networks, Operating Systems, DBMS, Automata, Internet of Things, Data Analytics.


SKILLS

Languages: C/C++, Python, Java, HTML,CSS,JavaScript/TypeScript,C#

Tools: Git/GitHub, Unix Shell, Webpack, VS Code, IntelliJ CLion/PyCharm/IDEA, Atom,Sublime,Unity 3D

Frameworks/Libraries: React, Redux, NextJs, Tailwind, NodeJs, Jquery, Express, Pandas, Numpy, Matplotlib

PROJECTS

TripTrek | *React, Tailwind, Firebase, APIs , Git, Unix Shell, VS Code, *


[Live Demo](#)

- Engineered and executed the development of Triptrek, a travel booking application that simplifies the process of discovering and booking destinations.
- Implemented user-friendly interfaces for browsing over **50 destinations**, selecting travel dates from a matrix of available dates, and completing bookings, resulting in a seamless user experience.
- Achieved a **30% increase** in user engagement through personalized recommendations based on user preferences and travel history, enhancing the overall user experience.

Vanced | *React, Tailwind, Material UI, Rapid API , Git, VS Code, *

[Live Demo](#)

- Built a Video streaming application using React for the frontend and **Material UI** for styling.
- Integrated **Rapid API** to fetch real-time video data, including video titles, descriptions, and thumbnails.
- Utilized **Tailwind**for creating a responsive and user-friendly interface, resulting in a 20% increase in user retention.
- Implemented easy navigation through 15 different categorized videos.

T20 WC 2024 Analysis | *Pandas, Power Query, DAX, Power BI, Web Scraping., *

- Utilized web scraping techniques to gather data from multiple cricket websites, resulting in a dataset comprising **45 matches** and **200+ individual player** records.
- Created over 5 interactive dashboards in **Power BI**, showcasing team and player statistics, match outcomes, and trends throughout the tournament.
- Employed advanced statistical methods like **Power Query** to determine the **best 11 players** of the tournament, considering both batting and bowling performance indices.

EXPERIENCE

Competitive Programming Club | *Member*

Sept. 2022 – Present

Played a major role in increasing the growth of the club by more than 40% and encouraging more juniors to explore competitive programming.

Freelance | *Web Developer*

June. 2022 - Present

Executed the creation and optimization of multiple landing pages utilizing Tailwind CSS and Framer Motion; notably crafted a visually engaging Hogwarts-inspired page, resulting in a 45% increase in user satisfaction and 30% rise in conversion rates.

ACHIEVEMENTS

Leetcode –

Top 23% in LeetCode, contest rating - 1589

Flipkart Grid 5.0 –

Qualified Round 3