

# VAIBHAV VERMA

Web Development Undergraduate



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## EDUCATION

B.Tech, Dr B R Ambedkar National Institute of Technology Jalandhar (NITJ)

(2023-2027)

Class XII, Central Board for Secondary Education

(2022-2023)

Arcadia Academy, Kota

## SKILLS

Languages:

C

C++

PYTHON

HTML

CSS

JAVASCRIPT

MONGO DB

Libraries:

ReactJS

Node.js

Algorithms

TailwindCSS

Git

## PROJECTS

- WEATHER FORECAST

<https://weather2006.netlify.app/>

<https://github.com/vaibhav0047/WeatherForecast>

Developed a responsive and user-friendly Weather Forecast web application that provides real-time weather updates for any city worldwide. The application utilizes the OpenWeather API to fetch live weather data, including temperature, humidity, wind speed, and weather conditions. Built using React.js for dynamic UI components, Tailwind CSS for modern and responsive styling, and JavaScript for handling API integrations and user interactions.

Implemented clean design practices and optimized performance for seamless user experience across all devices.

- BOTFLIX

<https://botflixx.netlify.app/>

Designed and developed **Botflix**, an AI-based chatbot application that answers user queries and provides personalized TV series recommendations based on the user's mood and preferences. The platform offers an interactive chat experience with dynamic responses and smart suggestion capabilities. Created using React.js for a smooth and dynamic frontend, styled with Tailwind CSS for a sleek and responsive UI, and JavaScript for handling chatbot logic and interactions. Emphasized user-centric design and optimized usability to deliver an engaging entertainment discovery tool.

- PORTFOLIO WEBSITE

<https://vaibhav006.netlify.app/>

This project utilizes HTML for structure, CSS for styling using Flexbox and Grid for layout, and responsive design with media queries. JavaScript enhances interactivity, including navigation toggling. Google Fonts and Font Awesome provide custom typography and scalable icons. CSS animations, transitions, and hover effects add visual appeal and user engagement. Background images and gradients enrich the design, while shadow effects add depth. These technologies combine to create a modern, responsive website that prioritizes both functionality and aesthetics, ensuring an optimal user experience across various devices and screen sizes.

- **PLANORA**

Developed **Planora**, an **AI-powered travel application** designed to assist travelers by recommending personalized itineraries, suggesting the shortest routes, best destinations, and curated experiences based on their **budget and preferences**. Built using **React.js**, **SCSS**, **JavaScript**, and **MongoDB**, Planora offers a **seamless user experience** with **modern UI design** and **smooth animations** for an engaging interaction. Currently this Project is under Development.

- **MATCHMINGLE**

**Matchmingle** is a simple web app designed to test compatibility between two people—whether friends, couples, or curious strangers. Built purely with HTML, CSS, and JavaScript, the site offers a seamless user experience wrapped in a clean, modern interface. Users enter names and instantly receive a playful compatibility score with an animated results screen.

## RELEVANT COURSES

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- C++ PROGRAMMING
- DATA STRUCTURES & ALGORITHMS USING C++
- FULL STACK WEB DEVELOPMENT
- PYTHON PROGRAMMING

## EXTRA CURRICULAR

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### PR COORDINATOR - TEAM CULTURAL AFFAIRS, UTKANSH 2025

Served as the **Public Relations (PR) Coordinator** for **Team Cultural Affairs** during **Utkansh 2025**, the annual cultural fest. Played a key role in managing event promotions, building collaborations, handling external communications, and enhancing the festival's brand presence across multiple platforms. Successfully coordinated with sponsors, artists, and media partners to ensure high visibility and engagement for Utkansh 2025.