

VIVEK KUMAR VERMA

ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Mechanical Engineering IIT (BHU), Varanasi				9.40	2023
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
9.46	9.15	9.71	9.38	-	-	-	-
CBSE (XII)		Maharshi Patanjali Vidya Mandir, Allahabad				92.80	2019
CBSE (X)		Yash Vidya Mandir, Faizabad (Ambedkar Nagar)				95.00	2017

SKILLS

Programming languages

C, C++

Industry Knowledge

Data Structures and Algorithms

Web Development

HTML, CSS, JavaScript, React.js

Also Familiar With

Python, Node.js

PROJECTS

Entertainment Hub

Movies and TV Series Searching Web Application

- Developed this fully responsive, single-page web app using **React.js** framework and **Material-UI** that shows trending Movies and TV Series.
- Added the functionalities of selecting different Genres using **Material-UI Chip**, searching movies and TV Series by name to make it more user interactive.
- Used **The Movie Db API** to fetch the data from the server.
- Project link : <https://github.com/cyber-vivek/Entertainment-Hub>

Weather Forecast App

- Used **React.js** framework to build this single-page web application that displays the city's current weather and forecast of seven days.
- Received data from OpenWeatherMap **API** by Fetch request and displayed using **React components**.
- Used **react chartjs** to display forecast data in the form of line and bar charts.
- Project link : <https://github.com/cyber-vivek/Weather-app>

Snake Game

- Build this fully working Snake game using only HTML, CSS, Javascript.
- Used **requestAnimationFrame** and **HTML DOM** to render the screen.
- Added the feature to save high score using window local storage property.
- Project link : <https://github.com/cyber-vivek/Snake-Game>

CERTIFIED COURSES

C Course on Sololearn

Learned basic C concepts, arrays, pointers, functions, **structures**, **unions**.

HTML Fundamentals Course on Sololearn

Learned about various **HTML Tags** and how to use them to create Webpages

HONOURS AND ACHIEVEMENTS

- Achieved a global rank of 783 in Codechef March Cook-Off 2021 (Div.3) on 22 March 2021.
- Achieved a global rank of 2724 in Codeforces Round #717 (Div.2) on 21 April 2021.
- Upgraded my branch from Metallurgy to Mechanical in the first semester by securing a 9.46 SGPA.
- Cleared National Defence Academy (NDA) written exam conducted by UPSC in 2019.

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