

Vikram Meena

IIT KANPUR'23

Department of Mechanical Engineering, IIT Kanpur

✉ vikrammeena098765@gmail.com

☎ +91-9352095959 | in vikrammeena

ACADEMIC QUALIFICATIONS

Year	Degree/Certificate—	Institute
2019 - 2023	B.Tech	Indian Institute of Technology, Kanpur
2018	RBSE(XII)	Vidya Bharati Public School,Sikar
2016	RBSE(X)	Govt. Sec. School,Jeenmata,Sikar

WORK EXPERIENCE

Frontend Developer Intern | SmartTraveller

(May'22- June'22)

- To create front-end website for an **AI driven** platform aimed at **personalization** of travel planning needs of individuals
- Developed a user **personalized feed** for travel recommendation based on previous travel preferences of users
- Used **React** framework with **Tailwind CSS** for website design and deployed using **Vercel** for features testing

KEY PROJECTS

Tesla Stock Price Prediction using Facebook Prophet | Self Project

July'22

- Used **Facebook Prophet Model** to forecast **30 days** future stock price of Tesla and evaluated it using **google finance**
- Used Python libraries such as **Pandas** for Data Manipulation and analysis and **Plotly** library for data visualization
- Automated the model for available stock & for different time frames by using **Yahoo Finance** data with **90.2% accuracy**

Algorithms Projects | Self Project

Sep'20- Dec'20

- **Algorithm Visualiser**: Created runtime visualizer of **Dijkstra**, **Merge Sort**, **DFS** & **The Tower of Hanoi** solution
- Tic-tac-toe Game Made a PvC game in C++ by implementing **MiniMax** algorithm where computer makes optimal move
- **Sudoku Solver**: Designed a 9x9 sudoku solver using **backtracking** completely built on C++ to solve any given puzzle

Movie Catalog Website | Self Project

July'22

- Developed a **movie catalog** website to search movies and & to favourite list using react using **React** & **OMDB API**

Snake Game | Self Project

Apr'21

- Developed a snake game with tree levels using **HTML**, **Javascript** and **CSS** with highscore counter and player profile

Wrist Watch Project | Course Project-Engineering Design and Graphics

Jan'21-April'21

- Developed a detailed **CAD Model** of a purely mechanical driven wrist watch with its **BOM** in a team of 13 members.
- Learned about its **internal mechanism** and designed the **gear train** to achieve the required angular velocities for hands.
- Carried out **detailed calculations** as to which **tolerances** affect the **accuracy** of the watch

TECHNICAL SKILLS

Programming: C, C++, Python, JavaScript, SQL

Development: HTML, CSS ,Database

Softwares & Utilities: MS Office, Fusion360, Autocad

Libraries: NumPy, Pandas, matplotlib, scikit

RELEVANT COURSEWORK

Data Structures and Algorithms	Fundamentals of Computing	Numerical Solutions using MATLAB
Financial Econometrics	Image Processing	Partial Differential Equation
Introduction to Electronics	Introduction to Economics	Biomems and Microsystems Tech.

POSITION OF RESPONSIBILITY

Organizer - Events | Udghosh'21, Annual Sports Festival, IIT Kanpur

Aug'21-May'22

Leadership	Led a 3-tier team of 50+ senior & junior executives for organizing 17th edition of the sports festival Raising and managing resources worth 10 Million to organize 100+ events and shows across country
Initiatives	Organized UDAAN , fitness competition to promote sports among physically handicapped students Organized NOSSQ (National Open School Sports Quiz) across the country with 500+ participants Successfully hosted the indigenous sport Kabaddi for 3 days, with participation from 20+ institutions
Management	Organized and executed workshops, outdoor and indoor sports events with the budget of 40 Lakh Modeled Festival structure to Hybrid mode , India's first sports festival to reform in a dual mode

EXTRA CURRICULARS

- Captained **Rajasthan State Junior Team** at 33rd Rajasthan State Junior Handball Championship 2015-16
- Taught Physics and Mathematics to students of Class 9-10 during COVID-19 Pandemic at private institutions
- Volunteered in different events of **Antaragni'19**, **Techkriti'19** and '19 to assist in **smooth conduct** of the fests
- Served as scout of Tritya Sopan Batch at **Rajasthan State Bharat Scouts & Guides** & performed various social works
- Active member of **Institute Cricket Team** also participated in many cricket tournaments organized within the institute