

Vivek Dubey

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Education

Motilal Nehru National Institute of Technology Allahabad

BTECH IN CIVIL ENGINEERING

- Cumulative Performance Index, CPI: **7.83/10.00**

Allahabad, India

Dec, 2020 - present

Work Experience

Web Developer Intern at **Coordinate Real Estate**

HELPED IN DESIGNING AND DEVELOPING THE COORDINATE REAL ESTATE WEBSITE

- Implemented secure login/signup system for user authentication ,integrating **middleware** for enhanced security
- Added a Cart section (pricing, subscription) and **PayPal Integration**.
- Organised **page layout and content** , Added custom animations using **Bootstrap CSS**.

Remote

May 2022 - July 2022

Skills

Languages	C,C++,Javascript,Python,SQL
Frameworks/Technologies	Html, CSS , Bootstrap ,Material UI, Node.js , Express.js, React, MongoDB
Developer Tools	VS Code, Git, GitHub,Postman
Areas of Interest	Data Structures And Algorithms, Web Development ,OOPS,DBMS,operating systems

Notable Projects

Investigation of Traffic Congestion on Urban roads

B.TECH PROJECT GUIDED BY DR. VARUN SINGH (ASST. PROF.)

- Tech used :** **Lightware Studio, U-Centre,GPS Data Logger,MS Excel, Google Directions API.**
- Used LIDAR and GNSS for instantaneous clearnace measurement and positional vehicle trajectory generation.
- Used **Isolation Forest algorithm** and python libraries - **pandas, NumPy , Matplotlib** and **Folium** for data analysis and visualization.

MNNIT Allahabad

Sep 23 - Dec 23

Shelpr: an e-commerce platform for college students

HOSTED AT [HTTPS://ANGRY-HANDKERCHIEF-FAWN.CYCLIC.APP/](https://angry-handkerchief-fawn.cyclic.app/)

- Tech used :** **Frontend : HTML, CSS, Javascript, React. Backend : NodeJs, ExpressJs, MongoDB**
- Created a fully **responsive** e-commerce platform based on **MERN stack**, enabling **secure user authentication** using **JWT and Bcrypt**.
- Followed **MVC** pattern,Implemented various **features** like **filtering** by price/category, **searching** and **similar products** feature. Also incorporated **pagination** and integrated **Braintree Payment gateway**.

MNNIT Allahabad

Apr 23 - Aug 23

Chores Reminder Application

HOSTED AT [HTTPS://COSMIC-KLEICHA-8F3A0E.NETLIFY.APP/](https://cosmic-kleicha-8f3a0e.netlify.app/)

- User-friendly interface, ToDo list that keeps you on top of your chores
- Integrated Weather API to fetch and display real time data.
- Tech used :** **Html, Css ,Javascript**

MNNIT Allahabad

Jan 23 - Mar 23

Honors and Achievements

Competitive Programming : Specialist on [Codeforces](#)(max **rating 1493**),solved **300+** problems

Leetcode: **rated 1758** on [Leetcode](#),solved **560+** problems

76th global rank in Codeforces Round 886 (Div.4) among 11000+ participants.

3rd college rank in **Codigo**, competitive programming competition organised under Avishkar MNNIT annual tech fest.

Hacktoberfest: Successfully contributed to **open-source** projects, earning recognition and prizes in both 2022 and 2023

Finalist in Quizzardium runner up in this team based quiz event organised under Avishkar 2k22

2nd district rank in Hindustan Olympiad, an aptitude competition among all 12th standard students of Jaunpur district.

Extra Curricular

Computer Coding Club core member of Computer Coding club of college.

Anokhi Peהל-Mentor and Educator Delivering Education to over 300+ underprivileged students

Chess active member of college chess club.

Cricket member of college Cricket team, runner-up in Spardha, an inter college competition held at IIT BHU.