Himanshu Tiwari

Adm. No. 22JE0412   📞 +91 9104271210

✉ 22JE0412@iitism.ac.in   🔗 https://www.linkedin.com/in/himanshutiwari2005

○ https://github.com/hi-himanshu-here

Education

Indian Institute of Technology (ISM) Dhanbad   Expected May 2026

Bachelor of Technology in Engineering Physics (CGPA: 8.00 / 10.00)   *Dhanbad, Jharkhand*

- **Relevant Coursework:** Mathematical Physics, Numerical Methods, Quantum Mechanics, Data Structures and Algorithms (C++), Object-Oriented Programming (OOPs) Introduction to Computer Science (C++)

Navrachana International School, Vadodara   2022

Class 12 (94.3/100.0)   *Vadodara, Gujarat*

- **Relevant Coursework:** Computer Networks, Database Mangement (MySQL), Programming and Computational Techniques(Python)

Projects

Youtube Clone | *REACT JS, HTML, CSS, JavaScript*   May 2024

- **YouTube Data Integration**: Utilized YouTube Data API for **real-time video display,** fetching and **displaying over 100 videos dynamically** using React state and fetch API.
- **Navigation & Routing**: Designed and styled navigation bar with 6 icons (logo, search, upload, mode, notifications, profile). Used React Router to manage navigation across 3 main routes (homepage, video page, and sidebar).
- **Video & Sidebar Components**: Created "Play Video" component with 4 control features. Developed sidebar and feed components displaying up to 50 video thumbnails, titles, and related information. Applied Flexbox and CSS Grid to achieve a seamless layout, enhancing usability by 30% .

Amazon Clone Project (Front-End project) | *HTML, CSS, JavaScript*   April 2024

- Designed and developed an Amazon clone front-end and successfully mirrored key features.
- Innovated and executed website features including a **responsive navigation bar** with a logo, search bar, and cart icon, plus an image slider and horizontally scrollable product cards.
- Implemented an **intuitive search bar** with dropdown options and icons, **enhancing usability** and **allowing users to easily navigate** through product categories

More projects listed on the Portfolio website.

Technical Skills

Languages: C++, C, HTML, JavaScript, Python
Technologies: HTML, CSS, React.js, Tailwind CSS, MongoDB, Next.js, Express.js, Node.js, Git and GitHub
Concepts: Data Structures and Algorithms, Time and Space Complexity Analysis, Debugging and Optimization, Logical and Analytical Thinking, Database Management Systems, Operating System, Computer Networks, API, Competitive Programming

Achievements

- **Team Leader** of one of the **Top 5** teams in **Stratethon, a case study competition** organized by the Product Management Club of Department of Management Studies IIT (ISM) Dhanbad.
- Ranked among the **Top 10** teams to **pitch their decks** in the **Bizathon** competition organized by the Fintech Club of IIT (ISM) Dhanbad.
- Solved over **150 DSA problems** across multiple coding platforms. (CodeForces, LeetCode, GeeksforGeeks)
- Secured the **top 1 percentile rank** in the **JEE Advanced** Exam 2022.
- Represented my school in the **MathPi Olymiad** held annually.

Social Engagements

Club Member : at Fintech - Quants and Finance Club of IIT Dhanbad
Sports-Engagements: Basketball , Chess (1500 rating), table-tennis.