



Himanshu Kumar

Bachelor of Technology
Civil Engineering
Indian Institute Of Technology, Bhubaneswar
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EDUCATION

- **Indian Institute of Technology, Bhubaneswar** 2020 - 2024
B.Tech in Civil Engineering CGPA₈: 7.71
- **Bihar School Examination Board** 2019
Senior Secondary, Bihar Percentage: 87.80
- **Delhi Model Public School** 2017
Class 10, Central Board of Secondary Education, Bihar CGPA: 10

INTERNSHIP AND TRAINING EXPERIENCE

- **Finlatics** May 2023 - July 2023
Business Analyst Remote
 - In this training program, our objective was to employ the MECE (Mutually Exclusive and Completely Exhaustive) method to resolve a range of case studies.
 - Learned Power BI, a pan-industry business intelligence tool used to analyze data.
 - Solved business problems of technology-oriented businesses that impact their profitability for a multinational technology analyzing the feasibility of a proposed tourism project.

PROJECTS

- **NoteBook – Online Notes-taking application with fast Response time** May 2023 - July 2023
NoteBook is a note-taking web app where users can create accounts and take notes.
 - By ingeniously integrating multiple NoSQL databases within a single application, I have created a groundbreaking solution for load and resource distribution, specifically tailored for smaller projects. This ingenious approach minimizes costs associated with high search demands and maximizes efficiency, ushering in a new era of scalability and performance
- **Sorting Visualizer** Jan - Apr 2023
A web application tool showcasing sorting algorithms through interactive visualizations.
 - Implemented various sorting algorithms such as Bubble Sort, Quick Sort, Merge Sort, Heap sort
 - Designed an intuitive user interface for interacting with the visualizations.
- **NewsApp – Current Affairs website with real-time news.** July 2023 - Sep. 2023
React-based news app fetches trending updates in real time.
 - This web application delivers concise summaries, condensing the essence of news articles into less than 40% of their original length. By distilling the most vital aspects, it empowers users to grasp crucial information swiftly and efficiently, revolutionizing the way we consume news.
 - It also cuts API latency by 20% through efficient asynchronous fetch operations for faster data retrieval.

TECHNICAL SKILLS

- **Programming Languages:** C++, Python
- **Web Development:** HTML5, CSS3, MySQL, JavaScript, React.js, Node.js, MongoDB
- **Software:** AutoCAD, STAAD.Pro, ETABS
- **Tools:** Power BI

KEY COURSES TAKEN

- **CSE Courses:** Algorithm & Data Structure, Operating System, DBMS, Object Oriented Programming, Computer Networks, Internet of Things(IoT)

POSITIONS OF RESPONSIBILITY

- **Core Member**, Civil Engineering Forum(CEF), IIT Bhubaneswar Oct. 2022 - Present
- **Core Member**, The Fourth Wall (Dramatics Society), IIT Bhubaneswar Dec. 2020 - Jan. 2022

MISCELLANEOUS

- **Achievement 1**, Silver Medal in Cricket Tournament in General Championship at IIT Bhubaneswar. 2022