Himanshu Kumar

Bachelor of Technology
Civil Engineering
Indian Institute Of Technology, Bhubaneswar
Portfolio - **redirect**

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EDUCATION

•**Indian Institute of Technology, Bhubaneswar** — *2020 - Ongoing*
B.Tech in Civil Engineering — CGPA$_7$: 7.76

•**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

– During this training program, we aim to solve various case studies using the MECE(Mutually Exclusive and Completely Exhaustive) method.
– Learn Power BI, a pan-industry business intelligence tool used to analyze data.
– Solve 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, we 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
• **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*