






ANSHUMAN PANDA

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National Institute of Technology, Rourkela

Bachelor of Technology in Metallurgical and Materials Engineering (CGPA - 7.45)

September 2022 – Present

Rourkela, Odisha

Delhi Public School, Rourkela

AISCCE – CBSE, Science (PCM) (Percentage - 94.6%)

May 2022

Rourkela, Odisha

Delhi Public School, Rourkela

AISSE– CBSE (Percentage - 93.6%)

May 2020

Rourkela, Odisha

Relevant Coursework

- Data Structures and Algorithm
- Database Management System
- Object Oriented Programming
- MERN Stack Development
- Operating System
- Computer Networks
- Structured Query Language

Technical Skills

- **Languages:** C++, Javascript, Python
- **Operating Systems:** Windows, Linux
- **Developer Tools:** VS Code, Sublime, MySQL
- **Technologies/Frameworks:** React.js, MongoDB, Express.js, Node.js, Tailwind, Three.js

Projects

An Educational Platform

May 2024 – July 2024

React Js, MongoDB, Node Js, Express Js, Tailwind CSS

[GitHub](#) — [Website Link](#)

- Developed a platform with **10+ user-defined routes** for secure **student and educator interactions** using **React.js** and **Node.js**.
- Integrated **Razorpay API**, facilitating **100+ seamless transactions** for course purchases.
- Designed an **instructor dashboard** enabling tracking of **revenue, student details, and analytics** using **NPM Charts**, improving data visibility by **80%**.
- Created a **student dashboard** to track progress for over **50+ enrolled courses** with **real-time updates**.
- Introduced a **robust theme toggle feature** utilizing **Context API**, enhancing **user engagement** with a **day-night mode functionality** accessed by **over 1,000 users** and receiving feedback indicating a **high satisfaction rate of 95%**.

A Chatting Application

August 2024 – September 2024

React Js, MongoDB, Node Js, Express Js, Socket.io, Material UI

[GitHub](#) — [Website Link](#)

- Built a real-time messaging website using **Socket.io**, supporting **1000+ concurrent users** and achieving a **99.9% uptime** for seamless communication.
- Engineered a friend request system, enabling users to send, accept, and manage **up to 500 friend requests monthly** via a **responsive notification bar**.
- Designed functionality for users to create groups, allowing **up to 50 members per group** and supporting the creation of **1000+ groups daily**.
- Developed multimedia sharing capabilities, supporting **images up to 10MB, videos up to 100MB, and file uploads up to 200MB** during chats, with an upload success rate of **98%**.

Achievements/Certifications

- **DSA Course** by CodeHelp
Learned **arrays, linked lists, stacks, queues, trees, graphs, sorting, searching, dynamic programming, and recursion**, mastering problem-solving techniques.
- **Problem Solving Skills**
Solved over **300+ questions** on platforms like **LeetCode** and **GeeksforGeeks (GFG)**, focusing on **data structures, algorithms, and optimization techniques**, enhancing problem-solving skills and coding proficiency.

Extracurricular Activities

Steelun

September 2023 – Present

EB Member

NIT RKL

- Managed **EDGE**, a club event at **NIT Rourkela**, overseeing planning, coordination, and execution for **100+ participants**.
- Ensured **90%+ participant engagement**, handled logistics for **10+ activities**, and contributed to the event's success through effective **teamwork and leadership**.