

# SANJANA KUMARI SHARMA

Kolkata, West Bengal, India

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## Education

**PDPM IIITDM Jabalpur**

**Nov. 2020 – Aug 2024**

*Bachelor of Technology in Computer Science and Engineering*

*CPI: 7.5*

## Technical Skills

**Languages:** C++, Python, JavaScript, HTML, CSS, SQL(MYSQL)

**Framework:** ReactJs, ExpressJs, NodeJs, MongoDB

**Developer Tools:** VS Code, Git/GitHub, Figma

## Relevant Coursework

- DBMS
- Operating System
- Computer Network
- Data Structures And
- Algorithms

## Coding Profiles

- [Github](#)
- [Leetcode](#)
- [Geeks For Geeks](#)

## Projects

**Youtube Analyser** | *NodeJs, ReactJs, ExpressJs, Youtube API*

**Dec 2023**

- Engineered YouTube Analyzer web app using [Node.js](#), [React.js](#), and [Express.js](#) with YouTube API.
- Spearheaded development to analyze and project earnings for YouTube videos via **video links**.
- Implemented callback registration feature for user queries, utilizing **Nodemailer** to send detailed requests to the site owner.
- Leveraged official **YouTube Data API** for comprehensive video statistics retrieval.
- **Github Links:** [github.com/sanxzk/Youtube-analyser](https://github.com/sanxzk/Youtube-analyser)
- **Live Links:** [youtube-analyser-frontend.vercel.app/](https://youtube-analyser-frontend.vercel.app/)

**Weather Application** | *NodeJs, ReactJs*

**Aug 2023**

- Engineered a user-friendly Weather Application using [ReactJs](#) and [NodeJs](#)
- Empowered users to seamlessly access **real-time weather conditions** for any city.
- Utilized **openweather API** for precise data retrieval of inputted cities.
- **Github link:** [github.com/sanxzk/weather-application](https://github.com/sanxzk/weather-application)
- **Live link:** [/weather-application-navy.vercel.app/](https://weather-application-navy.vercel.app/)

**Calculator Application** | *ReactJs, ExpressJs, NodeJs, MongoDB*

**Jan 2023**

- Created and developed a robust calculator application using the **MERN stack**, enabling the seamless storage of calculation history in a database for universal accessibility from any location.
- Established a highly secure login and signup system by applying advanced hashing techniques, generating authentication tokens, and leveraging the formidable capabilities of **BcryptJS** and **JsonWebToken** libraries.
- **Github Links:** [github.com/sanxzk/Calculator-Application](https://github.com/sanxzk/Calculator-Application)
- **Live Links:** [calculator-application-frontend.vercel.app/](https://calculator-application-frontend.vercel.app/)

## Leadership / Extracurricular

- Served as the **Assistant Counseling Committee Coordinator** at IIITDMJ and directly mentored 40 students and indirectly mentored **500+** students.
- Dedicated my time and skills as a subject **mentor for Jagrati**, an **NGO associated with IIITDMJ**, focused on providing education to **200+** underprivileged children from nearby villages.