



## SANSKAR GUPTA

Electrical Engineering (B.Tech 4Y)

Indian Institute of Technology, Kharagpur - 721302

Ghazipur, U.P. | [LinkedIn](#) | [sanskarmodanwal8@gmail.com](mailto:sanskarmodanwal8@gmail.com) | +917852830128

### EDUCATION

Year	Degree/Examination	Institute	% / CGPA
2024	B.Tech(4Y)	IIT Kharagpur	8.8
2019	12 <sup>th</sup> (CBSE)	Sunbeam Suncity School & Hostel	94.8%
2017	10 <sup>th</sup> (CBSE)	Sunbeam Suncity School & Hostel	9.4

### PROJECTS

#### Restaurant Management System | MERN Project

Sep'21 - Present

- Designed front-end of Restaurant Management System using ReactJS, HTML, CSS, and Bootstrap.
- Implemented an API that fetches users' data from the database MongoDB using NodeJS and Express.
- Implemented Passport.js, an **authentication middleware** for NodeJS to **authenticate user** while logging in.

#### Note-Making Website | PHP & SQL Project

Nov'21 - Present

- Designed front-end of this Note-Making Website with the help of PHP, HTML, basic CSS, and Bootstrap.
- Implemented various operations like **create, update, delete, etc** and **login** functionality using PHP & SQL

#### Socialgram - Social Media Website | MERN Project

July'21 - Aug'21

- Designed front-end of this Socialgram - social media website using ReactJS, HTML, and CSS.
- Implemented an **API to fetch users' data & posts** from database MongoDB using NodeJS and Express.
- Used bcrypt.JS to **encrypt the user's password** and Passport.js as an authentication middleware.

#### 15 Puzzle Game | JavaScript Project

June'21 - June'21

- Designed front-end of this Classic 15 Puzzle Game using HTML, and basic Cascaded Styling Sheet.
- Implemented basic JS to make functionalities like **swapping boxes, recording time, counting moves**

### POSITION OF RESPONSIBILITY

#### Web Team Member | Students' Alumni Cell, IIT Kharagpur

Aug'21 - Present

- Rebuilt the **Annual Alumni Meet** page for registration of Alumni, **added animations** to it using Gsap.
- Built the registration portal for the registration of Alumni for the Annual Alumni Meet using PHP and SQL.
- Contributed to maintenance and rebuilding of the Official website of **Students' Alumni Cell, IIT Kharagpur**.

### AWARDS AND ACHIEVEMENTS

- Participated in various competitions with **3 \* and a Max Rating of 1611** on CodeChef.(handle - sanskar12k)
- Achieved **2<sup>nd</sup> position** in National Aero-Tech Fest conducted by International Aircraft Sales.
- Cleared Ramanujan Mathematics Contest at regional level conducted by BHU(Banaras Hindu University).

### SKILLS & EXPERTISE

Programming Languages	C, C++, HTML, CSS, SQL, JavaScript, and PHP
Packages & Libraries	STL, ReactJS, NodeJS, Express, Bootstrap, MaterialUI, JQuery
Software & Operating System	GIT, XAMPP, Canva, MS Office, FreeCAD, Matlab, WordPress, Windows
Credited Courses	Probability and Statistics, Linear Algebra, Programming and Data Structures

### CERTIFICATES

- Completed a two-month **Internet of Things(IoT) and Machine Learning(ML)** Course through Bolt IoT.
- Completed a workshop on **Computer Vision** conducted in Winter School of AI and Robotics.