



Sudhanshu Kumar

B.Tech - Civil Engineering
Indian Institute of Technology Delhi (IIT Delhi)
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EDUCATION

Degree/Examination	Institute/Board	CGPA/Percentage	Year
B.Tech, Civil Engineering	Indian Institute of Technology Delhi (IIT Delhi)	7.260	2021-2025
CBSE Class XII	DAV School Jaddupur, Bihar	91%	2020
CBSE Class X	Jnv Kaimur, Bihar	90%	2018

SCHOLASTIC ACHIVEMENTS

- Secured All India Rank 5990 in JEE Advanced among over 250 thousands candidates 2021
- Secured All India Rank 14,573 in JEE Mains among over 1.5 million candidates 2021

PROJECTS

- Python interpreter from scratch** Dec. 2021 - Mar. 2022
Prof. Preeti Ranjan Panda Project file
 - Built an interpreter for a statement based Python program, simulating the computer's execution.
 - In Second part , the simple Python interpreter developed earlier is extended, to handle a nested while loop.
- Technology to allocate nearest Ambulance to Patient** Dec. 2021 - Present
Team CriticalCare Prototype
 - Built the website and figma prototype of the app, fetch the patient's location and driver location and map to the nearest ambulance based on estimated arrival time, extensive use of Google Map API
- E-Commerce Website** Sept. 2022 - Present
Build from Scratch with Django
 - Build the Website where seller can list their products, customer can buy and filter products, Payment gateway and User Authentication integrated, CRUD Operation, Didn't used no code platform eg: shopify
- Developed a Chrome Extension** Oct. 2022 - Present
Color Picker
 - Build a tool where user can pick desired color from any Web Page
 - That color saved into memory for future use, easy copy of hex value
- Build Government of India Website** Nov. 2022 - Present
New Parliament of India Website
 - Build an interactive museum Website with 3d rendering of statues on Web Page
 - Designed in multiple languages and in multiple mode(dark and light)

RELEVANT COURSES

- Differential Calculus, Intro.to Computer Science, Linear Algebra, Differential Equations, Data Structure and Algorithms, Python, JavaScript, Microeconomics . IIT-DELHI

TECHNICAL SKILLS

- Programming:** C/C++, Python, Java, JavaScript, SQL
- Tools & OS:** Autodesk Inventor, LaTeX, Git/Github, Figma, Jupyter Notebook, Google Collab, Ms office, Wondershare Filmora, Canva
- Libraries/Frameworks:** Pandas, Numpy, JQuery, ReactJs, Django, Node.js, MySQL, MongoDB
- Web Skills:** HTML, CSS, JavaScript, ReactJS, jQuery, Node.js, Django, Rest API, Bootstrap, WordPress, Advanced DOM Manipulation, Web Hosting etc.

POSITIONS OF RESPONSIBILITY

- Web Developer**, Board For Sports Activities(BSA), IIT Delhi July 2022 - Present
- Technical Executive**, Entrepreneurship Development Cell(eDC), IIT Delhi July 2022 - Present
- Website Editor**, Board for Student Publications(BSP), IIT Delhi July 2022 - Present
- Technical Executive**, Board For Recreational and Creative Activities(BRCA), IIT Delhi July 2022 - Present
- Technical Executive**, Co-curricular and Academic Interaction Council(CAIC), IIT Delhi July 2022 - Present
- Activity Head**, TRYST'23 (Technical fest) , IIT Delhi Nov. 2022 - Present
- Team Manager**, BECON'23 (Entrepreneurship fest) , IIT Delhi Oct. 2022 - Present

ACHIEVEMENTS

- TOP 50 Innovative Ideas** at Samsung Solve for Tomorrow India Hackathon among 18,000+ registrations. Won prize of 100k INR.
- TOP 15** at IDEAS Cohort 8 level-1 and a grant of Rs 50k from School of Entrepreneurship, IIT BOMBAY