


SUDHANSHU KUMAR (STUDENT)

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About Me

I am Sudhanshu Kumar, a B.E. Computer Science student specializing in the Cyber Security branch. I have developed strong programming skills in C, C++, Python, Java, and modern web technologies like JavaScript and the MERN stack. Alongside a solid foundation in DSA, Computer networking, and Cryptography. I actively engage in competitive programming to enhance my analytical and problem-solving skills. I am passionate about exploring Cyber security tools and techniques, eager to apply my knowledge in real-world scenarios, and contribute to innovations in digital security.

Projects

• SmartGroupTalk :

Tech Stack : [MERN, Socket.io, bcrypt, Axios, Gemmni and StackBlitz]

Built a real-time group chat web application featuring AI-driven conversational capabilities using Gemmni. Integrated with a web project runnable interface via StackBlitz, this platform allows seamless communication and AI-powered interaction within group chats. The project provides an intuitive user interface with AI responses and smart messaging features.

• News reporter :

Tech Stack : [NewsAPI and Python module such as requests, json and win]

Developed a news reporting application utilizing the News API, leveraging Python with requests and JSON for data retrieval, and integrated speech synthesis with win32com.client for audio output.

• Students record Management :

Tech stack : [Python (Utilizing file handling and functools)]

Developed a Student Record Management system in Python, utilizing file handling and the functools module for efficient data editing, addition, and searching, enhancing record management capabilities.

Education

2023-27

Dayananda Sagar College of Engineering

Bachelor of Engineering

(Computer Science and Engg. - Cyber Security)

Skills

- Languages
 - C, C++, Python, Java, HTML, CSS, JavaScript
- Frameworks
 - MongoDB, NodeJS, ExpressJS, ReactJS, NextJS
- Tools
 - VS Code, Cisco packet tracer, IntelliJ IDEA
- Proficiency in DSA
- Computer networking, Cryptography