Saptarshi Sen

📞 839-206-5492

✉ saptarshisen0@gmail.com   in linkedin.com/in/saptarshi-sen-1a5162256   ◯ github.com/sen-Saptarshi

Education

Indian Institute of Technology (Indian School of Mines) Dhanbad	Expected May 2026
Bachelor of Technology in Mineral and Metallurgical Engineering (GPA: 8.64 / 10.00)	*Dhanbad, Jharkhand*

- **Relevant Coursework:** Data Structures and Algorithms (C++)

Projects

Chat Application | *Node.js, Express.js Socket.io, HTML, CSS, JS*   github   deployment
- Implemented websocket in the Chat app resulting in lightning fast communication
- No storage of user data, making it private and anonymous. This also resulted in reduced build time and deployment time

Blog Website | *Node.js, Express.js, EJS, SQLite, HTML, CSS, JS*   github
- Developed a dynamic blog platform enabling users to create, view, and delete blog posts with a clean, intuitive design
- Features include live content previews and persistent storage via SQLite, mirroring the functionality of Medium

Web Compiler | *Node.js, Express.js, Child Process, HTML, CSS, JS*   github
- Created a web-based compiler for executing Python code directly in the browser.
- This project simplifies coding and testing without the need for local setup.

UI Library | *Node.js, Express.js, React JS, MongoDB*   github
- Developed a MERN stack-based UI Library Web App featuring secure user authentication, allowing users to sign up, log in, and create custom UI elements.
- Implemented a dynamic home page to showcase user-created components.

Technical Skills

Languages: C++, Python, Javascript
FrontEnd: React.js, JQuery, EJS, Tailwind CSS
BackEnd: Express.js, Node.js, Flask
Others: MongoDB, SQLite, Bash, Git
Concepts: Operating System, Encryption, Decryption, Machine Learning, API

Achievements

- Pupil in Codeforces — Max Rating: 1365
- 2 Star in Codechef — Max Rating: 1590
- Hackfest'24 finalist. Project: TransLingoGPT

Social Engagements

Volunteer: at KARTAVYA - NGO run by students of IIT Dhanbad to educate underprivileged childrens.
Member: at BFX-PrISM - Student run society to teach tech skills to school students.
Sports-Engagements: Badminton, cricket.