SHUBHAM DAS

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Education

Indian Institute of Technology (ISM), Dhanbad	Expected May 2026
Bachelor of Technology in Engineering Physics, GPA: 7.08	*Dhanbad, Jharkhand*
Saraswati Devi Public School, CBSE Board	2019-2020
Class X, Percentage: 91%	*Kandi, West Bengal*
Saraswati Devi Public School, CBSE Board	2021-2022
Class XII, Percentage: 90%	*Kandi, West Bengal*

Portfolio

- **Portfolio:** 22JE0936/shubhamDas/portfolio

Projects

BHARATLINKER | *MERN Stack: MongoDB, React.js, Express.js, Node.js, Redux Toolkit*
- Developed a platform allowing users to search for shops and filter products by pincode with location-based navigation.
- Designed a one-stop platform for retailers and local shop owners to centralize their businesses and increase online visibility.
- Implemented features to optimize logistics and supply chain processes, reducing shipment costs and delivery times.
- **GitHub:** github.com/ShubhamDaS-IIT-Dhanbad   **Live Website:** bharatlinker.shop

LoudInfo | *Chrome Extension, Weather API*
- Built a Chrome extension for real-time weather forecasting using the Weather API, offering users up-to-date weather information within the browser.
- Focused on a user-friendly interface and efficient data retrieval for accurate and timely weather updates.
- **GitHub:** github.com/ShubhamDaS-IIT-Dhanbad/weather-chrome-extension   **Available:** Chrome Web Store

ChatBox (Ongoing) | *MERN Stack: MongoDB, Express.js, React.js, Node.js, WebSockets, WebRTC*
- Currently developing a real-time messaging application inspired by WhatsApp using the MERN stack and WebSockets for seamless communication.
- Implementing real-time video calling features using WebRTC, enabling users to initiate and receive video calls within the app.
- Utilizing MongoDB to store user data, chat histories, and call logs, ensuring data persistence and efficient retrieval.

Technical Skills

- **Languages:** C/C++, Python
- **Concepts:** Data Structures and Algorithms (C++), Operating Systems, Object-Oriented Programming, Basic System Design
- **Full-Stack Development:** HTML, CSS, JavaScript, Bootstrap, React.js, MongoDB, Node.js, Express.js, Redux Toolkit, Socket.io, WebRTC, comfortable with Postman
- **Database:** SQL, MongoDB, Firebase
- **Tools:** Docker, Kubernetes (Beginner Level)

Achievements

- Solved 600+ questions over various coding platforms like Codeforces, Codechef, and Leetcode.
- Participated in the Walmart Sparkathon 2024 and developed BharatLinker single-handedly, working to scale this idea for production.
- Participated in Flipkart Grid 6.0 2024.
- Qualified WBJEE among the top 0.8
- Qualified JEE Advanced among the top 1.1

Social Engagements

- **Club Member:** CYBER LABS - Tech Society of IIT Dhanbad
- **Volunteer:** KARTAVYA - NGO run by students of IIT Dhanbad to educate underprivileged children
- **PW Campus Ambassador:** Programming With (PW) Campus Ambassador
- **Sports Engagements:** Badminton, Chess, Cricket, Table Tennis