SHIVAM SINGH

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Education

Indian Institute of Technology (Indian School of Mines) Dhanbad, India   **Nov. 2020 – May 2025**
Integrated Master of Technology in Mathematics and Computing   *GPA: 7.03/10*

Projects

Memories | *Social Media App* | ⚙ | Website   **Mar 2024**
- Developed and launched Memories, a user-centric web application designed for photo sharing and collaborative memory creation.
- The platform enables users to upload, organize, and share their photos seamlessly with friends and family, fostering a shared digital space for creating and preserving cherished memories.
- Tech stacks used: **MongoDB** | **ExpressJs** | **ReactJs** | **NodeJs** | **Bootstrap** | **Firebase**

UrbanReach | *Agri-based Startup* | ⚙ | Website   **March 2024**
- Contributed to Urban Reach, India's largest Fresh Produce Supply Chain Company, revolutionizing the supply chain through innovative technology.
- Orchestrated the development of a robust web application, serving as a central hub for users to access crucial information, manage their urban farms, and facilitate connections among urban farmers.
- Tech stacks used: **HTML** | **CSS** | **ReactJs** | **Styling components** | **Bootstrap**

Youtube | *Youtube Clone Website* | ⚙ | Website   **Feb 2024**
- Developed a fully functional YouTube clone, providing users with the ability to watch videos and perform seamless searches using the YouTube Rapid API.
- The project aimed to replicate the core functionalities of the popular video-sharing platform while incorporating a modern and intuitive user interface.
- Tech stacks used: **React Js** | **Material UI** | **HTML** | **CSS** | **RAPID API**

Achievements

JEE (Advanced)	AIR-3808	2020
Google Farewell Round A	Rank-3224	2023
Google Kickstart Round H	Rank-3868	2023
Codeforces Round 916	Global Rank-1655	2023

Technical Skills

Languages	: C, C++, Python
Web Development	: HTML, CSS, JavaScript, ReactJs, NodeJs, Bootstrap, Typescript, SQL,Tailwind CSS,Material UI
DataBase	: MySQL, MongoDB
Tools	: Git, GitHub, VS Code, Jupyter Notebook, Anaconda, Codeblocks

Sport's Programming

Codeforces(shivam8)	Rating: 13663(Pupil)	Problems Solved: 600+
Codechef(singh88535929)	Rating: 1631(3 star)	Problems Solved: 350+
GeeksforGeeks(shivam0092t5)	Point: 516	Problems Solved: 200+
Leetcode(shivam004052000)	Rating: 1534	Problems Solved: 130+
Hackerrank(shivam88535929)	Rating: 5 Star	Problems Solved: 110+

Relevant Coursework

- Data Structures and Algorithms
- Database Management System
- Software Engineering
- Data Mining
- Computer Graphics
- Operating Systems
- GPU Computing
- Computer Architecture
- Theory of Computation
- Number Theory and Cryptography
- Probability and Statistics
- Object Oriented Programming

Positions Of Responsibility

- **Coordinator of Concetto(2022)**, the technical fest of **IIT(ISM) Dhanbad.**
- Member of **SIAM**, Society of Industrial and Applied Mathematics at **IIT(ISM) Dhanbad.**

Extracurricular

- Boxing, Badminton
- **Speedcubing** and Puzzle solving