SHREYASI SEN

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Education

Techno Main Salt Lake	**August. 2021 − 2025**
Bachelor of Technology in Computer Science and Business Systems	*Kolkata, West Bengal*

Shri Shikshayatan School	**April 2019 − May 2021**
Higher Secondary School	*Kolkata, West Bengal*

Experience

Software Development Intern	**November 2023 − January 2024**
MBB Consultancy Services pvt. ltd	*Kolkata, West Bengal*

- Developed a dynamic website, driving a **40% increase in client engagement** and **enhancing user satisfaction by 80%**.
- Engineered a robust data processing system using Node.js and Express.js, resulting in a **40% reduction in processing time** and ensuring **100% data accuracy**.
- Implemented Tailwind CSS for a responsive design, reducing website **loading time by 30%** and garnering **positive feedback from 90% of users**.
- Integrated Nodemailer to **automate email communication**, **improving efficiency by 90%** and ensuring timely response to client inquiries.

Projects

Hotel Booking App | *Mongo db, Express.js, Node.js, React.js*

- Developed a hotel booking app with **advanced search and reservation functionalities.**
- Implemented **location-based search functionality** for users to find hotels in specific areas.
- Integrated a **slot availability feature**, allowing users to choose booking slots based on their preferences.
- **Integrated APIs** in the Frontend using **custom React Hooks.**

Achievements

- **Pupil** in **Codeforces** (**profile**).
- Rated **1700+** in **Leetcode** (**profile**).
- Achieved a rank of **1216 among 27523** participants in Leetcode Weekly Contest 396.
- Achieved **5 stars** in Problem Solving and C++ in **Hackerrank.** (**profile**).
- Earned **3 stars** in **Codechef.** (**profile**).
- Solved **600+** Data Structures and Algorithms problems across multiple platforms.

Technical Skills

- **Languages:** C, C++, Java, HTML/CSS, JavaScript, SQL, Mongo Db, Python
- **Developer Tools:** VS Code, Git
- **Frameworks:** React.js, Node.js
- **Database & Optimization:** Relational databases, optimization (e.g., linear programming, nonlinear optimization)
- **Networking:** Network programming (TCP, UDP, Unix file socket, socket programming)
- **Design & Administration:** Object-oriented design principles (e.g., SOLID, design patterns), shell scripting (Bash), Linux/Unix administration

Other Skills

- Data Structures
- Algorithms Analysis
- Computer Networks
- Computer Architecture
- Software Design Patterns
- Software Development
- Operating Systems
- Written and Verbal communications skills