



Soumya Das



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[LinkedIn Profile](#)



[GitHub Profile](#)



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PROFILE SUMMARY

B.Tech student in Computer Science Engineering with deep understanding of Data Structures and Algorithms (DSA) and strong C/C++ programming skills. Experienced in Full-stack Web Development with API Integration and knowledgeable in Machine Learning. Proficient in TCP/IP protocol suite with strong analytical abilities and design thinking. Effective communicator with a strong willingness to learn and work effectively across multicultural teams.

EDUCATION

- ▲ **Bachelor Of Technology, Computer Science & Engineering** **CGPA: 9.02** Oct 2021 - Jul 2025
Netaji Subhash Engineering College (NSEC)
 - under Maulana Abul Kalam Azad University of Technology (MAKAUT)
- ▲ **Higher Secondary** **Percentage: 88.2%** Apr 2019 - Jun 2021
Scottish Church Collegiate School (under WBCHSE)
- ▲ **Secondary** **Percentage: 86.43%** Jan 2008 - Mar 2019
Scottish Church Collegiate School (under WBBSE)

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, JavaScript, HTML, CSS
- **Libraries and Frameworks:** React.js, Zustand, Node.js, Express.js, Bootstrap, Tailwind CSS, Shadcn/UI
- **Database and ODMs:** MySQL, MongoDB, Mongoose ODM
- **Machine Learning Technologies:** Scikit, Seaborn, Matplotlib, Pandas
- **Tools and Platforms:** VS Code, Git, GitHub, Netlify, Vercel, Render, Jupyter Notebook

PROJECTS

- ▲ **Synchronous Chat (MongoDB, Express.js, React.js, Node.js, Socket.io)** [Source Code \(with Live Link\)](#) Jul 2024
 - This is a MERN-based full stack responsive chat app using sockets for realtime communication.
 - Users can signup or login in the app and can send & receive message between them along with emojis.
 - Users can also upload & send as well as receive & download files.
 - Mongoose ODM is used for Data Modelling, Socket.io for instant communication with authentication by JWT, user passwords are hashed, Multer is used for file handling and Zustand for Seamless State Management.
- ▲ **CalBurnPredict (Pandas, Matplotlib, Seaborn, Python, Sklearn, Pickle)** [Source Code](#) Apr 2024
 - It is a Machine Learning Model created using XGBoost model after comparing with other ML models like Linear Regression, Decision Tree, Random Forest. Sample GUI is also provided using Tkinter.
 - Dataset is collected from Kaggle and the model can be integrated with a simple web application to allow users to provide input and receive predictions on the number of calories burned.
- ▲ **WeatherWise (JavaScript, React.js, API Integration, Tailwind CSS)** [Source Code \(with Live Link\)](#) Mar 2024
 - Real time weather forecasting & information showing website made using Tailwind CSS, JavaScript, ReactJS and API Integration.
 - Visual Crossing Weather API is used from RapidAPI for fetching real time weather data.
- ▲ **TaskTracker (JavaScript, React.js, Vite, Tailwind CSS)** [Source Code \(with Live Link\)](#) Feb 2024
 - A To-Do web app where one can create Task to do, edit that task, check that task as completed after completion and also remove that task.
 - It uses local storage of the browser to store the task and context API of React is used which increases code readability and maintainability.

COURSEWORK

- Data Structures and Algorithms (DSA)
- Object Oriented Programming (OOP)
- Software Engineering
- Database Management System (DBMS)
- Operating Systems(OS)
- Computer Networks (CN)

CERTIFICATIONS, HONORS AND OTHER DETAILS

- **LEETCODE:** Solved over 200 problems in Leetcode | [Profile- soumya_13112002](#)
- **Certifications:** • [AWS Academy Graduate - AWS Academy Cloud Foundations](#) (2024)
 - [Programming, Data Structures and Algorithms Using Python by NPTEL](#) (2022)
- Selected as Contributor and ranked below 1500 in [GirlScript Summer of Code \(GSSoC\)](#) (May - Aug, 2024)
- Student Member in more than 10 [Google Developer Students Club \(GDSC\)](#), NSEC programs (2021-2023)
- **Languages:** English, Bengali, Hindi