

Sanchari Roy

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Professional Summary

Passionate and dedicated Computer Science Engineering student specializing in Data Science. Enthusiastic about Machine Learning and technology, with hands-on experience in deep learning projects.

Education

- **Techno Main Salt Lake, Kolkata** 2022-2026
B.Tech in Computer Science & Engineering (Specialization: Data Science)
CGPA: 9.036 (up to 6th semester)
- **St. Stephen's School, Dum Dum**
 - **Indian School Certificate (ISC), Class 12** 2022
Overall Percentage: 97.5%
 - **Indian Certificate of Secondary Education (ICSE), Class 10** 2020
Overall Percentage: 94.9%

Skills

- **Programming Languages:** Python, Java, C
- **Technologies:** Machine Learning, Deep Learning, DBMS, OOPs, MongoDB
- **Tools & Frameworks:** TensorFlow, Scikit-learn, HTML, CSS, JavaScript, React
- **Non-Technical Skills -** Leadership and Team Management, Event Coordination, Public Speaking, Communication and Interpersonal Skills and Problem-Solving.

Leadership & Activities

- **Member Coordinator Head – Samarth, The Educational Club of Techno Main Salt Lake**
Coordinated student membership, facilitated participation, and promoted inclusive club participation.
- **Cultural Co-Head – Samarth, The Educational Club of Techno Main Salt Lake**
Led cultural initiatives and events to boost student engagement and creativity.
- **Class Representative – Department of Computer Science and Data Science**
Served as the communication bridge between faculty and students, ensuring effective coordination

Projects

- **Animal and Plant Disease Recognition System – AgroVetCare:** A Streamlit web app offering disease detection, weather alerts, and farming support tools for farmers.
- **Human Disease Recognition and Treatment Suggestion System.** Built a symptom-based disease prediction system using ML, offering treatment guidance.
- **Aqualens – Water Footprint Detection App.** Created a Flutter app that scans food items using TensorFlow and displays their region-specific water footprint.

Certifications

- **AICTE Altair Data Science Virtual Internship** (April - June 2024)
- **AICTE AI/ML Virtual Internship by Google for Developers** (July - September 2024)
- **AICTE Python Full Stack Developer Virtual Internship** (October - December 2024)
- **AICTE Data Engineering Virtual Internship by AWS Academy** (January - March 2025)

Achievements

- **Academic Excellence Award** – 1st position in 2nd year (YGPA 9.34), Dept. of CSDS, TMSL.
- **Second Position in Class 12 (ISC)** board examinations with 98.5%, St. Stephen's School, Dum Dum.
- **Runner-Up, ISI Bootcamp Coding Challenge** – Secured 2nd place in ISI coding contest.

Languages

English, Bengali, Hindi