SOUMILY RAY

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Bachelor of Technology, Electronics & Communication Engineering

OBJECTIVE

Self-motivated, passionate, and hardworking fresher with strong analytical skills, seeking a career opportunity to utilize my knowledge and technical expertise while contributing to company success.

EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech-ECE (MAKAUT)	Institute of Engineering & Management, Kolkata, Salt Lake	*9.15* (up to 7th sem)	2021-2025
12th - WBCHSE	Tarasundari Balika Vidyabhaban	*84%*	2021
10th - WBBSE	Ramakrishna Sarada Mission Sister Nivedita Girls' School	*90.14%*	2019

Course Work

Database Management System , Object Oriented Programming , Computer Network

SKILLS SUMMARY

- **Programming Languages**: C++ , C, Python , Java(Basic)
- **Database**: SQL
- **Web Technologies**: HTML , CSS , JavaScript
- **Tools**: Basic of MATLAB & CST

PROJECTS

- **Travel Explore Website of India** | *HTML, CSS, JavaScript*

A travel website showcasing India's diverse states, highlighting the best places, culture, food, and festivals to travelers.

- **Home Automation using Bluetooth Technology** | *Arduino IDE*

Provides an easy and convenient way to control and monitor various appliances, enhancing safety, security, comfort, and reducing power consumption.

- **Amazon-style E-commerce Clone** | *HTML, CSS, JavaScript*

Amazon-like front-end interface showcasing responsive design and intuitive navigation.

- **Netflix Movie Recommender** | *Python, Scikit-learn, Pandas, Numpy, Jupyter Notebook*

A conceptual machine learning model designed to recommend movies based on user preferences and behavior.

- **Weather Forecasting** | *ESP8266, Sensors, Arduino IDE*

Developed an accurate & reliable system to predict weather conditions, including temperature, humidity & wind speed.

PUBLICATION

- **Dec 2023 , *Advancements in Schottky Diode Technology:*** A Comprehensive Review
  Published by IEEE —(Developed a Cu/TiO_2-based Schottky diode using the DC magnetron sputtering process)

TRAINING

- Industrial Automation Training by **SMS India Pvt Ltd.** - (Aug 2023 - April 2024)

PERSONAL DETAILS

- **Languages Known**: English, Bengali, Hindi .
- **Hobbies**: Dancing, Painting .
- **Extracurricular Activities**: Member of IEMEC club & Dance Club , 1st prize winner in Rangoli Competition