# Soumyaraj Roy

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## EDUCATION

**Vellore Institute of Technology, Vellore**

- B.Tech, Computer Science and Engineering, Year- 2019-2023
  CGPA- 8.87

**Children Sr. Secondary School, Kota**
- 12th Standard, CBSE board, Year - 2018
  Percentage- 90%

**Holy Cross School, Agartala**

- 10th Standard, ICSE board, Year- 2016
  Percentage- 93%

## SKILLS

C++, Machine Learning, Python, SQL, HTML, CSS.

## PROJECTS

**1. Crop and Fertilizer Recommendation System -**

The system predicts the most appropriate crop to be grown and fertilizer to be used based on the soil nutrient levels, the crop's growing location and weather conditions. Machine learning models have been used which aids in the precise prediction.

2. **Online Food Order Prediction -**

By knowing the food ordering habits of customers, I applied a machine learning model to predict whether or not a customer will again order from any food order app.

**3. Hybrid Cryptography -**

Data encryption and decryption system using RSA algorithm. The system encrypts and decrypts text, image and audio files securely.

## EXTRA-CURRICULAR

**- CSED ( Center for Social Entrepreneurship and development)**
  - *Worked in Editorial team and written web articles.*

**- Volunteered Ayuda NGO in social work in Vellore.**