

# Subinoy Karmakar

Kolkata, West Bengal, India

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Github: <https://github.com/SubinoyKarmakar>



## Professional Summary

CSE graduate with strong fundamentals in machine learning, Python, and data analysis. Eager to apply project experience to real-world AI solutions.

## Technical Skills

**Languages & Frameworks:** Python, C, Flask, HTML/CSS

**Tools & Libraries:** Git, scikit-learn, NumPy, Pandas, Matplotlib

**Core Areas:** Machine Learning, Deep Learning, Data Structures, DBMS

## Projects

### 1. Air Quality Index Prediction Using ML

- Developed and deployed a model to forecast AQI using regression algorithms.
- Utilized scikit-learn, Pandas, and Matplotlib for data processing and visualization.

### 2. Energy Consumption Forecasting

- Built and deployed a time-series model to predict household energy usage.
- Enhanced accuracy through feature engineering and model tuning.

## Education

B. Tech. in Computer Science & Engineering

July 2022 - May 2026

Future Institute of Engineering and Management (Affiliated to MAKAUT)

CGPA – 7.16

Higher Secondary: 80.2%

April 2021 - March 2022

West Bengal Council of Higher Secondary Education (WBCHSE)

Secondary: 87.57%

January 2019 - February 2020

West Bengal Board of Secondary Education (WBBSE)

## Certifications

- Machine Learning – Ardent Computech Pvt. Ltd.
- Deep Learning – Udemy
- Strategic Management – Udemy

## Achievements & Activities

- Finalist, Smart India Hackathon (SIH)
- Participant, Intra-college Hackathons
- Volunteer, College Tech Fest
- Contributed in Open-Source Projects

## Languages

English, Hindi, Bengali, German(A1)