

Subinoy Karmakar

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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.
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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
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Achievements & Activities

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

English, Hindi, Bengali, German(A1)