SATYABRATA SAMANTA

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EDUCATION

Master of Computer Application| Future Institute of Engineering and Management   (Nov 2023 - Jun 2025)
- CGPA: 8.04

Bachelor of Computer Application | Prabhat Kumar college, Contai   (Oct 2020 - Jul 2023)
- Percentage: 83.62

XII(WBCHSE) | Chakdwipa High School, Haldia   (2020)
- Percentage: 69.6

X(WBBSE) | Rampur vivekananda mission vidamandir   (2018)
- Percentage: 72.14

TECHNICAL SKILLS

- Proficient in Java, Python, C, JavaScript, SQL, Machine Learning (scikit-learn, Pandas, NumPy)
- Experienced in web development using HTML, CSS, JavaScript, React, Express, and MongoDB
- Familiar with tools like VS Code, Google Colab, Ubuntu, LibreOffice, and Excel

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PROJECTS

Hospital Management System using the MERN stack

1 Nov,2025 – 31 Apr,2025

- Developed a full-stack Hospital Management System using the MERN stack (MongoDB, Express, React), enabling efficient patient registration, appointment scheduling, and staff management.

Potato Leaf Disease Classification using Deep Learning | Python, TensorFlow, Keras, VGG16, VGG19

5 july,2024 – 5 sept,2024

- Built a deep learning model for potato leaf disease classification using Kaggle-sourced datasets.
- Applied and compared VGG16 and VGG19 models, achieving 90% accuracy with VGG19.

Image Caption Generator Using Deep Learning | Python,TensorFlow,CNN,Inception V3,Transformer,LSTM

1 aug,2024 – 31 oct,2024

- Built an image caption generator using CNN-LSTM architectures with Flickr8k dataset, achieving a BLEU score of 53%.
- Enhanced model performance to 72% BLEU score by integrating InceptionV3 for feature extraction.
- Explored Transformer models for captioning, achieving 42% BLEU score, and applied deep learning techniques to optimize output quality.

CERTIFICATES

Industrial Trainig Certificate on DEEP LEARNING USING TENSORFLOW AND KERAS   (july 2024-sept 2024)
Project tital: Efficient Potato Leaf Disease Classification

Diploma Course on INFORMATION TECHNOLOGY APPLICATION   (jan2018 – dec2018)
Marks: 82%