





Mohammad Ibrahim Hossain

 Portfolio |  +8801301927872 |  Gmail |  Mohammad Ibrahim

SKILLS

Machine Learning | Supervised & Unsupervised Learning, Model Selection, Hyperparameter Tuning, Ensemble Methods

Deep Learning | Neural Networks, CNNs, RNNs, Transfer Learning, Model Optimization

Data Science | Data Cleaning, Feature Engineering, EDA, Statistical Analysis, Data Visualization

MLOps | CI/CD, Docker, Kubernetes, AWS (EC2, S3, SageMaker), Version Control, Automated Retraining

Tools & Libraries | Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, Plotly, Git, DVC, MLflow

Programming Languages | Python, SQL

Soft Skills | Problem-Solving, Collaboration, Communication, Adaptability, Teamwork

Projects

Real Estate Model App

Developed a real estate suite for price prediction, analysis, and apartment recommendations using machine learning.

Technologies: Python, Random Forest, Streamlit, MLOps, Docker.

Achieved 95% accuracy. Deployed three Streamlit apps. Github: [Real Estate Model](#)

Sentiment Analysis

Developed a system to classify text (positive, negative, neutral, suicidal) for customer feedback and social media analysis.

Technologies: Python, Pandas, Scikit-learn, Logistic Regression, MLOps, TF-IDF, Streamlit.

Achieved 85% accuracy with logistic regression after tuning. Deployed via Streamlit for real-time predictions.

Personal AI Chatbot

Developed and deployed a chatbot with dynamic, context-aware interactions and a user-friendly interface. Focused on personalized responses and seamless engagement.

Technologies: Python, NLP, Streamlit, Deep Learning, ML

Movie Recommendation System

Built a recommendation system using collaborative filtering to suggest films based on user preferences.

Technologies: Python, Pandas, NumPy, Scikit-learn, MLOps, Docker, Streamlit.

Achieved 90% accuracy. Deployed via Streamlit for real-time recommendations.

CBC Report Checker

Developed a medical web app to analyze CBC reports and provide health insights.

Technologies: Python, Pandas, NumPy, DVC, Docker, Streamlit.

Handled data preprocessing, feature engineering, and model deployment for accurate health analysis.

Languages

Communication

Languages | English, Bangla

EDUCATION

CampusX DSMP 2.0 — Data Science Mentorship Program

January 2024 - December 2027

Engaged in a rigorous and industry-focused program specializing in Python, machine learning, MLOps, and advanced data science techniques. Gaining expertise through real-world projects, including end-to-end model deployment, data pipeline automation, and statistical analysis. Developing cutting-edge skills to solve complex problems and excel in data-driven industries.

Govt. Bangla College , Mirpur-1 ,Dhaka — HSC

August 2023 - Running

I am pursuing a Higher Secondary Certificate (HSC), building a strong foundation in core subjects while engaging in student-led initiatives.

Badda Alatunnessa High School, Badda, Dhaka — SSC

January 2013 - April 2023

Completed Secondary School Certificate (SSC) with a focus on academic excellence and active participation in extracurricular activities.