# Mohammod Ibrahim Hossain

📝 Portfolio | 📞 +8801301927872 | ✉ Gmail | in Mohammod Ibrahim

# SKILLS

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

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

**MLOps |** CI/CD, Docker, Kubernetes, AWS 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

# Projects

## 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.

## 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

## 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 web app to analyze CBC reports and provide health insights.
Technologies: Python, Pandas, NumPy, DVC, Docker, Streamlit.
Managed the full project lifecycle, including data preprocessing, feature engineering, and model deployment.

## Languages

**Communication Languages |** English, Bangla

**Programming Languages |** Python, SQL

## EDUCATION

**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.

**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.