Sajal Bhuiyan

sajalahmedakram@gmail.com — +8801701562521

LinkedIn — GitHub — Portfolio

About Me

I am an aspiring Data Scientist with strong skills in Python, AI, and Machine Learning. I have experience in building predictive models, interactive applications, and real-world data solutions. I have received multiple Dean's and VC Awards for my academic excellence. I am passionate about using data to find insights and solve practical problems.

Education

B.Sc. in Computer Science and Engineering, Green University of Bangladesh
2022 – Present (Expected Graduation: 2026)
CGPA: **3.87 / 4.00**
Dean's Award and VC Award recipient (6 times)

Thesis

A Deep Learning Approach for Skin Disease Detection and Classification Using Image Segmentation (Ongoing)

Technical Skills

- **Programming:** Python (Pandas, NumPy, TensorFlow, Matplotlib, Seaborn, Plotly, Streamlit), C++, Java, C
- **Machine Learning / AI:** Regression, Classification, Clustering, KNN, CNN, Decision Trees, Random Forest, Gradient Boosting, XGBoost, SVM, Naive Bayes; Feature Engineering; Hyperparameter Tuning; Model Evaluation
- **Data & Databases:** SQL, MySQL, Database Design
- **Version Control & Tools:** Git, GitHub
- **Learning:** Continuously improving ML and Data Science skills

Soft Skills

Hard working — Quick learner — Active listening — Teamwork — Adaptability

Projects

- **Personalized Movie Recommendation System:** Hybrid recommendation engine with GUI using Python and TMDB API. GitHub — Live Demo
- **Churn Prediction:** Predictive app to identify customers likely to leave. Features automated EDA, model training, churn probability charts, and key factor insights for better retention decisions. GitHub — Live Demo
- **Smart Data Explorer & Predictor:** Interactive Streamlit app for data exploration and predictive modeling with feature selection, multi-model training, and downloadable reports. GitHub — Live Demo

Certifications

- Google Data Analytics – Ongoing (2025)
- BongoDev Data Science – Ongoing (2025)
- EDGE Bangladesh: Python (Django) – Completed 2024

Competitive Programming

LeetCode: SajalAhmedakram — actively starting algorithm practice and problem-solving.
Codeforces: Sajal_Bhuiyan — beginning to practice competitive programming problems

Languages

Bangla: Native
English: Conversational