Md Sakib Sadman Badhon

Computer Science major at BRAC University

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SUMMARY

A Computer Science student with a **strong foundation in data analysis and machine learning**. Demonstrated expertise in data-driven problem solving, statistical analysis, and predictive modeling through academic projects. **Skilled in Python, SQL, and data visualization tools** with a proven ability to derive actionable insights while maintaining academic excellence.

EDUCATION

Bachelor of Science in Computer Science   CGPA 3.74/4.00
BRAC University, Dhaka, Bangladesh   *Jan 2022 - Jan 2026*

- Recognized on the **Vice Chancellor's List, Dean's List**, and awarded **Merit Scholarship** across **multiple semesters**.

PROJECTS

PostPartum Depression Detection | *Python, ML, Scikit-learn*   2024

- **Implemented ML models** to detect postpartum depression based on survey data, **evaluating multiple classification algorithms** to predict anxiety levels in postpartum individuals.

Student Performance Prediction | *Python, ML, Data Analysis*   2024

- **Predicted student grades** using classical ML algorithms, **analyzing demographic, social, and school-related features** from Portuguese schools to derive insights.

Network Intrusion Detection | *Streamlit, Random Forest, ML* | **Live**   2024

- **Developed ML-powered** web application for real-time network intrusion detection using Streamlit and Random Forest classifier.

Should I Retake? | *JavaScript, pdf.js, Regex* | **Live**   2025

- Created a web tool to **analyze academic grade sheets**, allowing users to simulate grade changes and calculate required grades, serving **3,000-4,000 monthly users**.

EXPERIENCE

Open-Source Contributor & Maintainer   May 2025 – Present
OpenTelemetry, tldr-pages   *Remote*

- **Localized documentation** into Bangla for OpenTelemetry and tldr-pages projects, collaborating with global maintainers and gaining experience in **open-source workflows** and **CI/CD pipelines**.

SKILLS

Data Analysis: Python (Pandas, NumPy, Scikit-learn), SQL, Excel, Statistical Analysis, Data Visualization
Machine Learning: Classification, Regression, Model Evaluation, Feature Engineering, Random Forest
Visualization Tools: Matplotlib, Seaborn, Streamlit, Tableau
Databases: PostgreSQL, MySQL
Operating Systems: Linux (Ubuntu, Debian, Mint), Windows
Tools & Technologies: Git, Docker, Jupyter Notebook, VS Code, Postman

MISCELLANEOUS

- Completed **Google Data Analytics**, **Google Cybersecurity**, and **Google IT Automation with Python** Professional Certificates from Coursera.
- Passed **GitHub Foundations** Exam and completed **AI Prompt Engineer Certification**.