

# 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

<b>Bachelor of Science in Computer Science</b> <i>BRAC University, Dhaka, Bangladesh</i>	CGPA 3.74/4.00
• Recognized on the <b>Vice Chancellor's List</b> , <b>Dean's List</b> , and awarded <b>Merit Scholarship</b> across <b>multiple semesters</b> .	Jan 2022 - Jan 2026

## PROJECTS

<b>PostPartum Depression Detection</b>   <i>Python, ML, Scikit-learn</i>	2024
• Implemented <b>ML models</b> to detect postpartum depression based on survey data, <b>evaluating multiple classification algorithms</b> to predict anxiety levels in postpartum individuals.	
<b>Student Performance Prediction</b>   <i>Python, ML, Data Analysis</i>	2024
• Predicted student grades using classical ML algorithms, <b>analyzing demographic, social, and school-related features</b> from Portuguese schools to derive insights.	
<b>Network Intrusion Detection</b>   <i>Streamlit, Random Forest, ML</i>   <b>Live</b>	2024
• Developed <b>ML-powered</b> web application for real-time network intrusion detection using Streamlit and Random Forest classifier.	
<b>Should I Retake?</b>   <i>JavaScript, pdf.js, Regex</i>   <b>Live</b>	2025
• Created a web tool to <b>analyze academic grade sheets</b> , allowing users to simulate grade changes and calculate required grades, serving <b>3,000-4,000 monthly users</b> .	

## EXPERIENCE

<b>Open-Source Contributor &amp; Maintainer</b> <i>OpenTelemetry, tldr-pages</i>	May 2025 – Present Remote
• <b>Localized documentation</b> into Bangla for OpenTelemetry and tldr-pages projects, collaborating with global maintainers and gaining experience in <b>open-source workflows</b> and <b>CI/CD pipelines</b> .	

## 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**.