

# Md Sakib Sadman Badhon

Computer Science major at BRAC University

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## SUMMARY

A Computer Science student with **strong foundation in software development, system operations, and open-source contributions**. Demonstrated expertise in full-stack web development, automation, and cybersecurity through academic projects and professional experience. Proven ability to deliver practical solutions while maintaining excellence in academics.

## 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 the **Merit Scholarship** Based on BRAC University Academic Results across **multiple semesters** for **academic excellence**.

## PROJECTS

### ParkIt | *Laravel, PostgreSQL* | Live

2025

- Developed a web application for **parking space management and booking**, featuring user authentication, profile management, and real-time search and booking capabilities.

### Easy Docker Installation | *Bash (Shell Script)*

2024

- Automated Docker installation** for major **Linux distributions** (Ubuntu, Debian, CentOS, Fedora), streamlining system setup and **reducing 99% of manual configuration time**.

### Nirapod | *Spring Boot, React.js, PostgreSQL* | Live

2025

- Built a **full-stack emergency response platform** with live chat, complaint management, file uploads, real-time location sharing, and role-based access control for users and responders.

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

2025

- Created a web-based tool using JavaScript and Regex to **analyze academic grade sheets**, allowing users to simulate grade changes and calculate required grades to reach target CGPA, serving approximately **3,000-4,000 monthly active users**.

### Network Intrusion Detection System | *Streamlit, Random Forest, Machine Learning* | Live

2024

- Developed a **machine learning-powered** web application for **real-time network intrusion detection** using Streamlit and **Random Forest classifier**, achieving **95.68% detection accuracy** with user-friendly interface and visual results.

## 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

**Operating Systems:** Linux (Ubuntu, Debian, Mint), Windows

**Scripting:** Bash, Python

**Tools:** Docker, Git, RClone, FUSE, Splunk, Jira, Selenium, Postman, TestRail, Bugzilla

**System Operations:** Server setup, automation, monitoring, troubleshooting, backup, deployment

**Web Development:** HTML, CSS, JavaScript, PHP, Laravel, Spring Boot, React, PostgreSQL, MySQL

## MISCELLANEOUS

- Completed **Google Cybersecurity Professional Certificate** from Coursera.
- Completed **Google IT Automation with Python** from Coursera.
- Completed **AI Prompt Engineer Certification** from AI Certs.
- Passed **GitHub Foundations** Exam.