Md Sakib Sadman Badhon

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SUMMARY

A Computer Science student with a **strong foundation in software development, software testing, 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 manual configuration time by 99%**.

ShikkhaDwar | *Flask, PostgreSQL, Bootstrap, JavaScript* | **Live** — 2025

- Developed a **Learning Management System** with course management, video lessons, quizzes with auto-grading, progress tracking, and automatic certificate generation.

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 **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 a user-friendly interface.

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**. These projects cumulatively have more than **60,000 stars on GitHub**.

SKILLS

Operating Systems: Linux (Ubuntu, Debian, Mint), Windows
Tools: Docker, Git, Jira, Selenium, Postman, GitHub Actions, k6, Swagger
System Operations: Server setup, automation, monitoring, troubleshooting, backup, deployment
Languages and Frameworks: HTML, JavaScript, Laravel, Spring Boot, React, PostgreSQL, MySQL, Python, Bash

MISCELLANEOUS

- Completed **Google Cybersecurity Professional Certificate** from Coursera.
- Completed **Google IT Automation with Python** from Coursera.
- Earned the **Postman API Fundamentals Student Expert** badge.
- Passed **GitHub Foundations** Exam.