Labib Bin Shahed

✉ labib.45x@gmail.com   📍 Badda, 1212 Dhaka, Bangladesh

Profile

Dynamic computer science leader with a strong background in organizing educational and innovative events, building strategic partnerships, and managing sustainable operations within tech communities.

Education

B.Sc. in Computer Science and Engineering   Jan 2022 - Present
BRAC University, Dhaka, Bangladesh
- **CGPA:** 3.58/4.00
- **Coursework:** Data Structures, Algorithms, OS, Networks, SE, NLP, Cybersecurity
- **Thesis**: Adversarial Machine Learning in Malware Detection
- **Research:** Blockchain in Project Management (IEEE ICEIC 2025, Osaka, Japan), Crop Prediction via ML & IoT (IEEE ICRPSET 2024, Rajshahi)

Employment

President   Jan 2025 - Present
IEEE Computer Society Bangladesh Chapter

- Lead strategic vision and goals aligned with IEEE CS BDC directives
- Organize impactful events for computer science education and innovation
- Build partnerships with academics, industry leaders, and networks
- Manage resources and ensure sustainable chapter operations

Ambassador   Feb 2024 - May 2024
IEEE PES Day

- Championed electric mobility innovation as PES Day Ambassador
- Networked with 700+ global ambassadors for cross-cultural connections
- Led webinar on "Future Trends in Electric Mobility"
- Promoted sustainable mobility through digital initiatives

Open Source Contributor (Volunteer)   Jan 2023 - Present
Various Open Source Projects

- Contribute to GitHub projects in web development and data science
- Participate in Google Summer of Code and Hacktoberfest
- Review code, fix bugs, and improve documentation
- Collaborate with global developers on project enhancements

Key Projects

DuskProbe   Jun 2025 - Oct 2025
Cybersecurity tool for web vulnerability scanning with OWASP compliance and professional reporting.
Tech: Python, Asynchronous Processing, OWASP Standards

LitGrid   Mar 2025 - Oct 2025
Library management system with fuzzy search, analytics, and comprehensive book/user management.
Tech: Python, SQLite, Streamlit, Pandas, Matplotlib, Plotly

Personal details

Date of birth
January 18, 2003

Gender
Male

Nationality
Bangladeshi

Website
la-b-ib.github.io

LinkedIn
la-b-ib

Skills

Python

Java

JavaScript

TypeScript

Go

Rust

Kotlin

Ruby

HTML5

CSS3

React

Vue.js

Angular

Node.js

Express.js

VitaSort   Aug 2025 - Oct 2025

AI-powered resume screening tool with ML-based ranking and candidate evaluation analytics.

Tech: Python, Streamlit, Scikit-learn, Pandas, NumPy, Matplotlib

Research Interests

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Cybersecurity, Machine Learning, Computer Vision, Natural Language Processing, Software Engineering, Distributed Systems, Algorithms, Data Science

References

References available upon request.

Certificates

HackerRank Software Engineer Certification   Jul 2025
- Certified in Software Engineering fundamentals with emphasis on algorithmic problem-solving through HackerRank assessments

Twilio Programmable Messaging and Voice Professional Certification   Jan 2024
- Certified proficiency in developing scalable communication solutions using Twilio programmable messaging and voice services.

LambdaTest Test Automation Professional Certification   Jan 2024
- Certified expertise in cross-browser test automation using LambdaTest platform.

IBM Data Fundamental Certification   Aug 2025
- Certified knowledge in handling databases, data warehousing, and big data basics as per IBM Data Fundamentals guidelines.

Google IT Admin Certification   Aug 2025
- Proficient in designing and implementing Google Workspace security policies and compliance standards.

Microsoft Career Essentials in Cybersecurity Certification   Jan 2024
- Demonstrated proficiency in fundamental cybersecurity concepts including threat landscape, risk management, and security controls.

Achievements

- Awarded the Duke of Edinburgh Gold Award for demonstrating exceptional commitment to community service, leadership, and personal development.
- Increased IEEE Computer Society Bangladesh Chapter membership engagement by 30% through targeted outreach and inclusive events during presidential tenure.
- Led a successful international webinar titled 'Future Trends in Electric Mobility' attracting over 500 participants worldwide.
- Championed electric mobility advancements as a PES Day Ambassador, reaching an audience of over 700 global peers.

Dhaka, January 18, 2025

Labib Bin Shahed

TensorFlow

PyTorch

Scikit-learn

Docker

Kubernetes

Terraform

Bootstrap

Languages

Bengali

English

French

Hobbies

- Playing Chess
- Reading Technology Articles
- Coding Challenges
- Traveling

Qualities

- Leadership
- Communication
- Problem Solving
- Strategic Thinking
- Adaptability