

# Humayera Tabassum Tunan

📍 Dhaka, Bangladesh

✉ tabassumtunan@gmail.com

📞 01400489959

👤 Humayera Tabassum

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## Profile

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I am a motivated and curious technology enthusiast who loves learning and growing every day. Known for being organized and dedicated, I always try to give my best in everything I do. I enjoy working in collaborative environments, solving real-world problems, and improving my skills in software quality assurance and cybersecurity. I believe in continuous self-development and making a meaningful impact through my work.

## Education

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<b>BSc</b>	<b>BRAC University</b> , Computer Science and Engineering	2021 – 2025
• GPA: 3.48/4.00		
<b>HSC</b>	<b>BAF Shaheen College Dhaka</b> , Science	2019 – 2020
• GPA: 5.00/5.00		
<b>SSC</b>	<b>BAF Shaheen College DHaka</b> , Science	2017 - 2018
• GPA: 5.00/5.00		

## Experience

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<b>Banglalink</b> , Cybersecurity Intern	Aug 2025 – Nov 2025
• Conducted 150+ vulnerability assessments across enterprise servers, applications, and network devices using Tenable Nessus, identifying 800+ security vulnerabilities.	
• Performed CIS-based system hardening on 50+ Windows and Linux systems (Red Hat, Oracle Linux, Ubuntu, Cisco/Huawei devices), significantly reducing potential attack surfaces.	
• Executed 100+ CIS compliance and security scans and prepared 90+ detailed vulnerability assessment reports, prioritizing findings by Critical, High, Medium, and Low risk levels.	
• Supported enterprise risk assessments for 10+ internal systems and projects, contributing to improved security posture.	
• Collaborated with senior security engineers to remediate 75%+ of high and critical vulnerabilities within defined security timelines.	

## Extracurricular

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- Former Mentee, Banglalink womentor 6.0
- Host / Anchor at 3 different IEEE International Conferences from 2021 to 2024
- Former Director of the Marketing Department of BRAC University Electrical and Electronics Club (1 year)

## Research Thesis

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**Efficacy of Large Language Models in facilitating exam preparation for medical students (using RAG)**

June 2025

<http://hdl.handle.net/10361/26705> ↗

## Projects

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### Arannya Kanon App

[github.com/AK-app](https://github.com/AK-app) ↗

- A full-stack web application developed using the MERN stack, 20+ RESTful APIs, designed to deliver a structured and scalable user experience through a clean MVC architecture.
- Implemented user authentication and profile management for 50 test users, enabling secure plant collection and marketplace features.
- Built an image upload and management system supporting 200 plant images, with optimized storage and retrieval.
- Designed a peer-to-peer marketplace handling 100 product listings and simulated transactions between users.
- Created personalized plant care schedules for 20 plant types, improving user engagement and usability.
- Developed a responsive React interface with 8 reusable components, improving UI consistency and performance.
- Structured MongoDB database and indexed queries, reducing data retrieval time by 30%.
- Improved API response time by 25% through optimized queries and backend validation.

### Virtual Clothing Store

[github.com/VClothing](https://github.com/VClothing) ↗

- E-commerce platform
- Tools Used: Python, PHP, SQL, HTML, CSS

## Technologies

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**Languages:** Python, C, SQL, Java, C++, JavaScript

**Web Development:** HTML, CSS, MERN Stack, PHP

**Operating System:** Windows, Linux

**Cybersecurity Tools:** Wireshark, Nmap, Burp Suite, Cisco Packet Tracer, Tenable Nessus

**Software:** MS Office, Google Workspace