

Humayera Tabassum Tunan

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Profile

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

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

Experience

Banglalink , Cybersecurity Intern	Aug 2025 – Nov 2025
<ul style="list-style-type: none">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

- 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

Efficacy of Large Language Models in facilitating exam preparation for medical students (using RAG) http://hdl.handle.net/10361/26705	June 2025
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Projects

Arannya Kanon App

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 

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

Technologies

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