Md. Protik Hasan

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Career Objective:

A highly motivated and detail-oriented Computer Science graduate aspiring to pursue a Master's in Cyber Security. Seeking an opportunity to apply my technical expertise and problem-solving skills in a dynamic and security-focused environment. Passionate about ethical hacking, network security, threat mitigation and cloud computing. I aim to contribute to an organization that values innovation, integrity, and cutting-edge technology. I am eager to gain hands-on experience, enhance my cybersecurity proficiency, and play a vital role in strengthening digital security frameworks.

Academic Qualifications:

Bachelor of Science (B.S.C)

Institution	:	Independent University, Bangladesh (IUB)
Department	:	Computer Science
Passing Year	:	2020 - 2024
Result	:	CGPA- 3.18

Higher Secondary School Certificate (H.S.C)

Institution	:	Govt. Science College
Board	:	Dhaka
Subject	:	Science
Passing Year	:	2019
Result	:	GPA- 5.00

Secondary School Certificate (S.S.C)

Institution	:	Khilgaon Govt. High School
Board	:	Dhaka
Subject	:	Science
Passing Year	:	2017
Result	:	GPA- 5.00

Skills:

- **Soft Skills** : Problem solving, Teamwork, Leadership, Communication, Time management
- **Programming** : C++, Python, Java, SQL, Dart, Flutter
- **Web Development** : HTML5, CSS3, Tailwind
- **Library** : NumPy, Matplotlib
- **Software** : Android Studio, Cisco Packet Tracer, Adobe XD, Firebase
- **Office & Productivity:** MS (Word, PowerPoint, Excel), Google (Sheets, Docs, Jam board, Slides), Slack, Amazon Web Services (AWS)
- **Language** : Bangla, English, Hindi(verbal), Chinese(verbal), Japanese(verbal)

Experience:

Application Development Internship (Web App, Mobile App)
Bashundhara Group IT (June 2024 - August 2024)

- Developed All in One solution with Flutter
- Integrated Google Map API
- Incorporated Device Control through App (i.e: Camera)
- Encrypted Credentials and Stored locally
- Stored and retrieved Data on Server like Firebase

Projects:

Project	Technologies
● **British Council Application.** An app designed to bring students, teachers and staff in one platform.	Java, Scene FXML
● **Chat App.** A multiplatform (ios, android) based basic chat app.	Dart, Flutter
● **Task Management Mobile App.** A multiplatform (ios, android) Based Real Time to‑do list Tracker/Planner App.	Dart, Flutter, Firebase
● **Blood Bank Management System.** Website to bring blood donors, blood‑banks and Blood Receivers in one platform.	HTML,PHP,CSS, Java
● **Database Management System for Langka Bangla.** A Course project on Database Management System for Langka Bangla.	HTML,SQL, MongoDB
● **Secure Cloud Network Architecture for Multi-Tier Application.** A robust secure architecture that ensures safety of data for the businesses in Bangladesh.	Amazon Web Services
● **Mechamaru: A Leaning Companion. Bridging Gaps in Special Education for Diverse Learners.** An robot that helps special children with navigation and education.	(Hardware Based)
● **IoT-Based Automated Greenhouse Hydroponics System.** An automated greenhouse system that can grow crops and vegetables without soil.	(Hardware Based)

Publication:

- [SEECAT](): Secure, Efficient, and Economical Cloud Architecture for Multi-Tier Application in Bangladesh.
- IoT based Automated Greenhouse Hydroponics System. (Under Review)

Seminar & workshops:

- Statistical Data Analysis using Bayesian Analysis, CCDS.AI   IUB, 2023

- Seminar on UI/UX, CITS   IUB, 2023

- Seminar on Bio‑Medical Engineering" Challenges of Novel Medical & Healthcare Technologies and the AI‑Based Medical Device Landscape" IUB, 2023

- Workshop on " Developing Engineering Thinking Mindset".   IUB, 2022

Personal Information:

Father's name	:	Md. Mohi Uddin
Mother's name	:	Pia Chowdhury
Date of Birth	:	11th Nov, 2002
Permanent address	:	Village: Manikdaha, Post Office: Manikdaha, Sub-District: Bhanga, District: Faridpur.
Gender	:	Male
Nationality	:	Bangladeshi (by birth)
Religion	:	Islam
Marital Status	:	Unmarried
Height	:	5 feet 6 inch
NID	:	1965225392
Blood Group	:	A+ (Positive)

Interest and Hobbies:

Cyber Security & Ethical Hacking, Problem-Solving & Puzzles, Software Development, Catching Technology Trends, Research Work, Traveling & Cultural Exploration, Networking & Community Engagement.