# Ashiquzzaman Fahim

**Date of birth:** 15 Aug 1999

**Nationality:** Bangladeshi

**Gender:** Male

## CONTACT

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## WORK EXPERIENCE

**4 MAR 2024 – CURRENT** Dhaka, Bangladesh

**Programmer** ParonSoft Solutions Ltd.

- Added features as per client requirements using ASP.NET and SQL
- Added a Dynamic form-building feature where users can create a form as needed. The backend code for the forms will be generated dynamically
- Added QR code feature, by scanning the QR codes a user can view pdf
- Saved required data in the SQL server database using SQL
- Created stored procedure for data manipulation and pagination
- Collaborate with other programmers to design, develop and test software applications
- Debug and troubleshoot

**1 JUL 2023 – 14 FEB 2024** Chattogram, Bangladesh

**Junior Programmer** Genuine Technology & Research

- Contribute to the development of new features using ASP.NET
- Created stored procedures for data manipulation and storing them on different tables of the database
- Construct communication between applications using APIs
- Generated on ASP.NET APIs to download data from 3rd party APIs.
- Display data visualisation using Flask as API
- Collaborate with other programmers to design, develop and test software applications
- Creating documentation
- Debug and troubleshoot

**Address** High Level Road, Wasa, Chattogram, Bangladesh

**1 APR 2023 – JUN 2023** Chattogram, Bangladesh

**Intern** Genuine Technology & Research

- Automated process using Python
- Collaborate with other programmers to develop software applications
- Learned ASP.NET

## DIGITAL SKILLS

**PROGRAMMING LANGUAGES:**

Python │ C │ C# │ JavaScript │ Object-Oriented Programming

**WEB DEVELOPMENT & FRAMEWORKS:**

HTML │ CSS │ Bootstrap │ ASP.NET │ Back-end (Flask, Django) │ JQuery │ AJAX

**DATABASES**

SQL

**VERSION CONTROL**

Git │ Github

**MACHINE LEARNING & DATA SCIENCE**

Machine Learning │ Deep Learning

## PROJECTS

**OCT 2021 – MAR 2023**

**Bangla Word Sense Disambiguation using Machine Learning**

As part of my academic and research endeavors, I undertook a project focused on addressing Word Sense Disambiguation (WSD) in the Bangla language, which is regarded as a low-resource language in terms of natural language processing. I realized in this study how important it is to improve Bangla language understanding, particularly in the context of machine learning applications and natural language processing systems. Word Sense

Disambiguation is essential for boosting the contextual comprehension of words inside a phrase and raising the standard of language processing activities in general.

I used a variety of machine learning algorithms, to do this. I created and improved machine learning models capable of separating word senses in the Bangla language.

**21 JAN 2022 – 2 FEB 2022**

### XossCoin

I developed a simple blockchain application named XossCoin using JavaScipt. Implemented core blockchain functionalities, including mining, transaction validation and wallet management. Integrated elliptic curve cryptography (secp256k1) for secure key generation and digital signatures. Designed a mechanism for mining rewards and tracked account balances through the blockchain ledger.

**Link** https://github.com/MazFahim/xossCoin/

### Problem Setter, Programming Contests and Tech Carnival

Designed and tested programming problems for two contests organized for the School of Science and Engineering at Chittagong Independent University: an online competition in September 2022 and an on-site contest in January 2023.

Served as a problem setter for the CIU Tech Carnival, a programming event held for high school students, creating engaging challenges to inspire young programmers in July 2023.

### ICPC Participant and Regional Finalist

Competed in the ICPC preliminary rounds in 2018 and 2021. Advanced to the ICPC Regional Final in Dhaka in 2019, representing my university.

## EDUCATION AND TRAINING

**2018 – 2022** Chattogram, Bangladesh

### Bachelor of Science Chittagong Independent University

**Website** https://www.ciu.edu.bd/

**2014 – 2016** Chattogram, Bangladesh

### Higher Secondary Certificate Chittagong University Laboratory College

**2009 – 2014** Chattogram, Bangladesh

### Secondary School Certificate Chittagong University Laboratory College

**7 APR 2023 – 25 APR 2023**

### Structured Query Language Coursera

**Website** https://www.coursera.org/

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Bangla

**Other language(s):**

**English**

**Listening** C1
**Spoken production** C1
**Reading** C2
**Spoken interaction** C1
**Writing** C1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## VOLUNTEERING

**2022** Chittagong Independent University Campus, Jamalkhan, Chattogram, Bangladesh

### Event Organizer, Project Showcase

Organized a project showcase for the School of Science and Engineering at Chittagong Independent University. Coordinated the event, managed project displays, and facilitated student and faculty participation, highlighting innovative student projects.

**2022** Chittagong Independent University Campus, Jamalkhan, Chattogram, Bangladesh

### Event Organizer, Engineering Night

Organized and managed the Engineering Night cultural event for the School of Science and Engineering at Chittagong Independent University. Responsible for event planning, coordination and overseeing the execution of cultural activities and performances.

**2022** Chattoturf, Chattogram, Bangladesh

### Event Organizer, Futsal Football Tournament

Write here the description...Organized a post-COVID Futsal football tournament for the School of Science and Engineering at Chittagong Independent University. The event aimed to cheer up students and faculty, serving as a mini reunion with team coordination, match scheduling, and event management responsibilities.

**2019** Chittagong Independent University Campus, Jamalkhan, Chattogram, Bangladesh

### Event Organizer, Engineering Night

Organized and managed the Engineering Night cultural event for the School of Science and Engineering at Chittagong Independent University. Responsible for event planning, coordination and overseeing the execution of cultural activities and performances.

**2019** Chittagong Independent University Campus, Jamalkhan, Chattogram, Bangladesh

### Event Organizer, IEEE Student Branch Inauguration and Tech Fest

Organized and coordinated the inaugural tech fest to launch the IEEE Student Branch at Chittagong Independent University (CIU) in 2019. Managed event logistics and participant engagement.

**2018** Chittagong Independent University Campus, Jamalkhan, Chattogram, Bangladesh

### Volunteer, Prothom Alo Bondhu Shobha Programming Contest for High School Students

A programming contest was organized by the renowned newspaper named "Prothom Alo". The objective of this contest was to introduce the challenges of the programming world to young programming enthusiasts.

## NETWORKS AND MEMBERSHIPS

**2018 – 2022**

### Leadership Roles in University Clubs

**President**, CIU Programming Club, 2022: Oversaw the club's operations, organized programming contests, and mentored students in competitive programming to build a stronger community.

**Vice President**, CIU Robotics Club, 2022: Directed technical workshops and mentored members in robotics projects.

**Vice President**, Independent Science and Engineering Club (ISEC), 2022: Planned and organised events such as 'Engineering Night', 'Project Showcase', 'Futsal Football Tournament', fostering collaboration among members and enhancing student engagement.

**Secretary**, IEEE Student Branch, 2019: Managed communication and administrative tasks, supported the launch of the student branch, and coordinated its activities to promote professional development among members.

**Executive Member**, CIU Programming Club, 2019: Assisted in organizing workshops and skill development of the members

**Event Coordinator**, Independent Student Event Committee (ISEC), 2019: Played a key role in planning and executing cultural events, ensuring coordination between organizing teams and participants

**Member**, CIU Programming Club, 2018: Participated in club activities and events, developing foundational skills in programming and teamwork.

**Event Coordinator**, Independent Student Event Committee (ISEC), 2019: Played a key role in planning and executing cultural events, ensuring coordination between organizing teams and participants