

# BHAGYASREE SARKER



Hazi Islamia Brick Field Road, Chotopol, Chattogram, Bangladesh



01736639540



bhagyasreesarker@gmail.com

[www.linkedin.com/in/bhagyasree-sarker-274b7721](#)

{ } [Leetcode](#) (Problem-34) < / > [Codeforce](#) (Problem-136)

< / > [Online Judge](#) (Problem-10)

< / > [GitHub](#)

## • KEY SKILLS & INTEREST:

**Summary:** Full-Stack software developer with 8.5 months of industrial experience on C#, ASP.NET Core framework, MVC, REST API, HTML5, CSS3, Bootstrap, JavaScript, jQuery, Entity Framework, LINQ, MSSQL, PostgreSQL, GIT for version control, and able to create reusable components for an enterprise-level scalable software application.

**Technical Skills:** C#, C, C++, Python, HTML5, CSS, JS, Bootstrap, Tailwind CSS (Familiar), jQuery, Angular(Familiar), TypeScript(Familiar), ASP.NET Core, MVC, EF, RestAPI, Fast-API, LINQ, OOP, PostgreSQL, MSSQL, MySQL, DBeaver, GIT, GitHub, Azure (Familiar), Swagger, VS Code, Visual Studio Code 2022, Figma, Clickup.

**Other Skills:** Problem-solving (Intermediate), DS and Algorithms, SOLID (Basic Knowledge), SDLC, Microservices (Basic Knowledge), Agile (Basic Knowledge), Debugging, Statistical Analysis, ML/AI, RDLC report making, Continuous Learning, Teamwork, Good in Communication.

**Language Skills:** Fluent in Bangla and English.

## • COMPETITIVE PROGRAMMING

- Participated in long contests during the competitive programming bootcamp, arranged by IIUC, and got 5<sup>th</sup> position from 35 contestants.
- Solved 3 out of 5 problems in the Intra University Competitive Programming Contest.
- Formed team and participated in different contests like NGPC, ICPC, etc.

## • INTERNSHIP/PART-TIME EXPERIENCE/EXTRA CURRICULAM ACTIVITIES

### Management Trainee, .Net Software Development

Genuine Technology & Research LTD.

1st May, 2025

Full-time (Present)

Contribution: I got the opportunity to work on a Human Resource Management (HRM) SaaS project developed in the .NET Core framework for a Sri Lankan client, which is a SaaS project. My contributions:

- Worked on the Report Module (both frontend & backend). Designed frontend pages with HTML5, CSS3, Bootstrap, JavaScript, and jQuery, and also Ajax calls to connect with the controller. Added download & print options for reports (Excel, PDF, CSV, XML, JSON). For PDF view, I used HTML and CSS style. Developed 19 attendance reports (daily, monthly, yearly), 17 payroll and increment reports (mostly monthly), salary sheets, and so on.
- I attempted to create PostgreSQL functions that allow me to make calls from the controller to display the data table in the frontend view. It makes data fetching faster and easier to update. I ensure that any changes to report columns require only database updates, not code changes in the project framework, which provides a better user experience.
- I built a customized UI with proper backend for letter-type reports where users can customize their own letters, like increment letters, promotion letters, etc.

### ASP.NET Intern

Genuine Technology & Research LTD.

5th January, 2025

Full-time

Contribution:

- Built view pages for custom data input and also worked backend. Implemented filter bars, toggle gear settings, and data grouping features on the data table for better usability.
- Worked on ERP solution frontend and backend, built RDLC reports.
- Worked in the R&D team to migrate all data tables, functions, and stored procedures from SQL server to PostgreSQL. Used DBeaver for table migration and rebuilt all stored procedures and functions manually in PostgreSQL for a commercial project.

### Undergraduate Teaching Assistant

2023 - 2024

International Islamic University Chittagong, Bangladesh

Course 1: C/C++ Programming

2023

Course 2: Artificial Intelligence

2024

### Program Executive

IEEE CS IIUC Student Branch Chapter

2024

Membershio ID: 99651660

## • ACADEMIC QUALIFICATIONS:

2020 - 2024

### Bachelor of Science and Engineering

Institute: International Islamic University Chittagong, Bangladesh

Department- Computer Science and Engineering

Result: CGPA 3.53 out of 4:00

## • PROJECT

Designed a Student Management System in C# to demonstrate core OOP concepts (Abstraction, Inheritance, Polymorphism, Encapsulation) in a clear and practical way. The project serves as an educational reference for others to easily understand OOP through real-world example.

[GitHub](#)

## • TRAINIGN & CERTIFICATIONS

- .NET Core MVC (E-commerce), Platform: Udemy
- HTML, CSS, and JavaScript for Web Development, Non-credit course authorized by Johns Hopkins University, Platform: Coursera
- Competitive Programming Bootcamp (Beginner Level, Duration-3 to 4 months, and Intermediate Level, Duration-3 to 4 months)
- Teaching Assistant in Artificial Intellegent Course, Dept. of CSE, IIUC
- Graduated of Carear X BYLC, Organized by Bangladeshi Youth Leadership Center (BYLC)
- IEEE Executive Certification

[Certificate](#)

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