

PROTTOY ROY

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🐙 GitHub: <https://github.com/prottoy94>



PERSONAL STATEMENTS

A motivated and detail-oriented Software Engineer with one year of hands-on experience in developing business applications using C# and the .NET framework. A recent graduate with a strong academic record, seeking to contribute to innovative projects, particularly in ERP system development. Proven ability to collaborate in team environments to deliver efficient and scalable software solutions.

EDUCATIONAL QUALIFICATION

Bachelor of Science in Computer Science & Engineering

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB) || 2020-2024

- CGPA: 3.99/4.00
- **Relevant Coursework:** Object-Oriented Programming in JAVA, Object-Oriented Programming in C# using MSSQL, Database Management Systems in Oracle, Software Engineering, Object Oriented Analysis and Design, Web Technologies, Data Structures & Algorithms.

Higher Secondary Certificate

MAJOR GENERAL MAHMUDUL HASAN ADARSHA COLLEGE || 2017-2019

- GPA: 5.00(Science)

Secondary School Certificate

BINDUBASINI GOVT BOYS HIGH SCHOOL || 2012-2017

- GPA: 5.00(Science)

WORKING EXPERIENCE

Junior Software Engineer | TechVantage Solutions, Dhaka

September 2024 – Present

- Developed and maintained features for a business management application using C#, .NET, and MSSQL, improving data processing efficiency by approximately 15%.
- Collaborated with a senior developer to troubleshoot, debug, and optimize existing code, resolving over 20 documented bugs.

Software Engineering Intern | TechVantage Solutions, Dhaka

June 2023 – December 2023

- Assisted the development team in building and testing new features for the company's flagship business management software.
- Gained hands-on experience with the C# and .NET tech stack by fixing minor bugs and performing code reviews.

TECHNICAL SKILLS

- **Programming Languages:** C#, Java, Python, SQL, C++, Javascript
- **Frameworks & Platforms:** .NET Framework, Entity Framework
- **Databases:** Microsoft SQL Server (MSSQL), MySQL, Oracle
- **Web Technologies:** HTML, CSS, JavaScript, [ASP.NET](#) MVC
- **Tools & Software:** Microsoft Visual Studio, Git, GitHub, Postman, Microsoft Office
- **Concepts:** Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), RESTful APIs

PROJECTS

- Inventory Management System | Academic Project | C#
- Zoo Management System | Academic Project | C#
- Online Shop Management System | Academic Project | Java
- Donation Management System | Academic Project | Java
- E-Commerce Web API | Personal Project | C#
- Spaceshooter Game | Personal Project | C#
- PingPong Game | Personal Project | C#
- Weather App | Personal Project | Python

COMPETITIVE PROGRAMING

Solved 200+ problems on LeetCode and 150+ on CodeForces, primarily focused on data structures and algorithms. Applied these skills in competitive settings like the ICPC and intra-university programming contests.

AWARDS AND ACTIVITES

- **Dean's List Award** | American International University-Bangladesh (AIUB)
Awarded for academic excellence in 2022, 2023, and 2024.
- **Summa Cum Laude (Gold Medal)** | American International University-Bangladesh (AIUB)
Graduated with highest honours and an excellent CGPA.
- **Best Thesis Award** | American International University-Bangladesh (AIUB)
Recognized for outstanding research and thesis project in Computer Science & Engineering.

LANGUAGE SKILLS

I am fluent in English and a native speaker of Bengali, with strong competencies in reading and writing.

PERSONAL INFORMATION

- **Father's Name:** Bibeknanada Roy
- **Mother's Name:** Dipali Rani Biswas
- **Date of Birth:** 21 March, 2001
- **Nationality:** Bangladeshi (By Birth)
- **Religion:** Hindu
- **Marital Status:** Unmarried
- **Permanent Address:** Kaliganj, Jhenaidah
- **Current Address:** 408/1, Kuratoli, Khilkhet, Dhaka - 1229

PERSONAL INTERESTS

- Developing Personal Software Projects
- Traveling and Exploring Different Cultures

REFERENCE

Salman Sadi

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