

# MD. SYDUR RAHMAN

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## Objective

I have successfully completed my **Bachelor of Science in Computer Science & Engineering (B.Sc. CSE)** at the **American International University of Bangladesh (AIUB)**, with a major in **Software Engineering**. As I approach the completion of my degree, I am eager to embark on my journey as a **Software Quality Assurance Engineer**, where I can apply my analytical skills and knowledge to optimize outcomes and enhance software quality for dedicated organizations, ensuring that I am well-prepared for a successful career in the field.

## Skills

- Proficient in Testing Software Tools for Automation Testing (Selenium with Java)
- Proficient in designing comprehensive software test plans and test cases.
- Proficient in multiple programming languages (C++, C#, Java, PHP, JAVASCRIPT, CSS, HTML)
- Proficient in Backend Framework - ASP.NET
- Experienced in Database Management Systems, MySQL server.
- Experienced in HTML5, CSS3, Bootstrap.
- Experienced in Microsoft Office.
- Proficient in Linux commands and fundamentals for IT security.
- Good in Teamwork
- Communication
- Leadership
- Language (Bangla and English)

## Education

- **BSc Engineering: Computer Science and Engineering (CSE)**  
American International University of Bangladesh  
Passing Year: 2023 || CGPA: 3.61 out of 4.00
- **Higher Secondary School Certificate (HSC)**  
IDEAL COLLEGE, Dhanmondi  
Passing Year: 2019 || GPA: 3.75 out of 5.00
- **Secondary School Certificate (SSC)**  
Motijheel Govt. Boys' High School  
Passing Year: 2017 || GPA: 5.00 out of 5.00

# Projects

## 1. Software Quality Assurance Testing Report

This is an automation testing report using Selenium Testing tools.

[https://github.com/Razi-Rahman/Software\\_Quality\\_Assurance\\_and\\_Testing\\_Report](https://github.com/Razi-Rahman/Software_Quality_Assurance_and_Testing_Report)

## 2. Software Requirement Specification Report

This document outlines the functional and non-functional requirements of a software project, ensuring clear communication between stakeholders and development teams.

[https://github.com/Razi-Rahman/SRS\\_Document\\_Travel\\_Agency\\_Management\\_System](https://github.com/Razi-Rahman/SRS_Document_Travel_Agency_Management_System)

## 3. E-Commerce Management System

It's a web application (Used HTML, CSS, PHP, JavaScript, MySQL )

<https://github.com/Razi-Rahman/E-commerce-management-system>

## 4. Travel Agency

This project is built with the knowledge of Object-Oriented Program in C# language.

[https://github.com/Razi-Rahman/Travel\\_Agency](https://github.com/Razi-Rahman/Travel_Agency)

# Experience

- **Intern on CYBER SECURITY**      **ETech Solution**      **June 2023 to 15 September**

I have successfully completed comprehensive training on cybersecurity, and the experience has been incredibly enlightening. I learned how to identify vulnerabilities, mitigate the risks of malware attacks, and implement robust security measures to safeguard against cyber attacks. This experience has equipped me with valuable knowledge and skills in the field of cybersecurity.

- **Teaching Assistant on AIUB**      **American International University of Bangladesh**      **June 2023 to 31 August**

I have recently concluded my tenure as a teaching assistant at my university, and it has been an incredibly rewarding experience that has enriched my knowledge and skills. Throughout my time in this role, I had the opportunity to work closely with professors and assist them in delivering educational material to students.

# Certifications

## 1. CISCO – IT Essentials

I've successfully achieved student-level credentials by completing the IT Essentials course.

Certification: <https://github.com/Razi-Rahman/Cisco-IT-Essential-Certificate>

## 2. CyberOps-Associate-course-Certificate

I've successfully achieved student-level credentials for completing the CyberOps Associate course.

Certification: <https://github.com/Razi-Rahman/CyberOps-Associate-course-Certificate>

# Publication

## 1. Assessing the Effectiveness of Test-Driven Development in Enhancing Software Quality

Submitted to *International Journal of Modern Education and Computer Science*

# References

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