



MD.MORTUJA MORSHED

BSc in Computer Science & Engineering

I want to work as a Software Quality Assurance Engineer with a development company and help deliver functional and stable products to clients.

Portfolio: <https://mortuja522.github.io/>

Github: <https://github.com/Mortuja522>

Linkedin: <https://www.linkedin.com/in/mortuja-morshed-a3211317b/>

mortujaiub@gmail.com

01784866522

Motijheel, Dhaka

SUMMARY OF SKILLS:

- ❖ Strong knowledge of software development life cycle (SDLC), software testing life cycle (STLC), & Agile Methodologies.
- ❖ Knowledge of various testing types such as **Functional, Non-Functional, Manual, Automation, and exploratory testing.**
- ❖ Experience in using testing tools such as **Selenium, JMeter, Postman**, and other test automation frameworks.
- ❖ Knowledge of test management tools such as **Jira** and other project management tools.
- ❖ Experience in creating and maintaining **Test Cases, & Bug Reports.**
- ❖ Familiarity with **Performance testing, Load testing.**
- ❖ Strong problem-solving skills and ability to analyze complex issues.
- ❖ Good communication skills to collaborate with development teams and stakeholders.
- ❖ Understanding of software architecture and design principles.
- ❖ Continuous learning and adaptability to new technologies and processes.
- ❖ Proficiency with **Git & GitHub.**

TECHNICAL SKILLS

Scripting Language

- HTML5, CSS5, JavaScript, PHP.

Programming Language

- C, C++, C#, Java.

Database & Advanced Database

- SQL Server, Oracle, MySQL.

EDUCATION:

2022

CGPA: 3.67

Bachelor of Science in Computer Science and Engineering (CSE)

American International University-Bangladesh (AIUB)

2016

GPA: 4.33

Higher Secondary Certificate (HSC)

Shahid A.H.M Kamaruzzaman Govt Degree College, Rajshahi.

2014

GPA: 4.94

Secondary School Certificate (SSC)

Panka High School, Natore.

EXPERIENCES:

Pubali Bank PLC– **Jr. Officer (SDET Engineer)**
(July-2023 – Present)

Responsibilities:

- ❖ Checking software for errors and problems.
- ❖ Writing and keeping test documents.
- ❖ Reporting and fixing errors.
- ❖ Keeping records up-to-date.
- ❖ Collaborate with development teams.

Eminent Global Services – **Jr. SQA Engineer**
(May-2022 –Jun-2023)

Responsibilities:

- ❖ Assist in test planning and design.
- ❖ Execute test cases and report defects.
- ❖ Learn and use automated testing tools.
- ❖ Maintain detailed test documentation.
- ❖ Collaborate with development teams.

American International University-Bangladesh (AIUB) - **Teaching Assistant** (Jan-2022– April-2022)

PROJECTS:

Title: E-Banking System (Automation Testing)

Language: Selenium using java.

Description: I write script for account login, registration, add new account sign-out for this Project.

URL: https://github.com/Mortuja522/inetBankingV1_1.git

Title: Sales CRM (Automation Testing)

Language: Selenium using java.

Description: I automated here, login, add account form, and add opportunity form, contact-list form.

URL: <https://github.com/Mortuja522/SalesCRM.git>

Title: Food Court Management System

Language: Java.

Description: Food Court Management System to manage all the food products sold in a single place. Here, this application supports a single user i.e. Admin. Admin can add sell reports of customers, add products, add a company, etc.

URL: <https://github.com/Mortuja522/Object-Oriented-Programming-1-JAVA-.git>

THESIS:

Title: Block chain based digital identity verification and transactions in the banking system.

Description: This study examines the use of Block chain technology for secure identity management in the banking sector. The results of this study suggest that Block chain-based identity verification provides people and businesses with transparency, security, and convenience of use. Block chain-based ecosystem (digital identity verification) enables multiple collaborators to strengthen authentication and provide identity attribute validation as a fabric of trust and a solid foundation to embrace a new digital era, as a first step toward providing better quality in the provision of public services.

CERTIFICATIONS:

- Python for Everybody **Coursera**.
- Introduction to Cyber security **Cisco Networking Academy**.
- NDG Linux Unhatched Cisco **Networking Academy**.

ACHIEVEMENT & VOLUNTEERING WORK:

- General Member at **AIUB Computer Club**.
- Volunteering at **AIUB CS Fest 2019**.
- Volunteering at **AIUB Gaming Fest 2019**.
- Campus Ambassador at **British Edu care**.

REFERENCES:

Dr. Dip Nandi

Director & Associate Professor Department of Computer Science.

Faculty of Science and Information Technology American International University- Bangladesh E-mail:

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Cell: +88 028816173-4

DECLARATION:

I am confident that I have the ability to work with proper responsibility on one's own initiative. I will try my best to perform my duties according to the desired satisfaction of the authority.

I am the undersigned, hereby declare that the above information is true and I will be responsible for any wrong information

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PROJECTS:

Title: Open Cart Website (Test Case)

Description: I created test cases for system login functional requirements, registration, product compare, add to cart and search functionality.

URL: <https://github.com/Mortuja522/OpenCart.git>

Title: E-Banking System (Test Case)

Description: I created test cases for system login functional requirements, add new customer, add new account, deposit, change password, fund transfer, etc.

URL: <https://github.com/Mortuja522/E-Banking-System-Test-Case.git>

Title: E-Banking System (Bug Report)

Description: : I created bug report for system functionalities edit account, deposit, mini statement, delete account, etc. and track those bugs in JIRA.

URL: <https://github.com/Mortuja522/E-Banking-System-Bug-Report.git>

Title: Booker API (API Testing).

Tool: Postman.

Description: I used Postman to retrieve, update, partially update, and create new book IDs, among other operations on all book data

URL: <https://github.com/Mortuja522/Booker-API-Testing.git>

Title: Web Application (Performance Testing)

Tool: JMeter.

Description: I tested the application's performance in this project using a variety of controller types, timers, and parameterization.

URL: <https://github.com/Mortuja522/Performance-Testing.git>

Title: Weather Application

Language: HTML, CSS, and JavaScript.

Description: Weather keeps you informed about conditions including temperature, rain, snow, and wind

URL: <https://weather-mortuja.netlify.app/>

Title: Inventory Management System.

Language: C#

Description: An inventory management system project allows users to manage and maintain an inventory with ease. The inventory management system has been developed to enable users to add an inventory, delete an inventory, enter inventory quantity and other details, update inventory status, etc.

URL: <https://github.com/Mortuja522/Mortuja522-Sales-and-Inventory-Management-System.git>