MANSURA ISLAM SWARNA

Software Quality Assurance Engineer

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EDUCATION

AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY   (2019 - 2023)

- B.Sc. in Computer Science and Engineering
- CGPA: 3.07/4.00

DHAKA CITY COLLEGE   (2016 - 2018)

- HSC in Science
- GPA: 5.00/5.00

MOTIJHEEL MODEL HIGH SCHOOL AND COLLEGE   (2014 - 2016)

- SSC in Science
- GPA: 5.00/5.00

SKILLS

- **SQA Tools & Techniques**

  - **Manual Testing :** Requirement Analysis, Test Planning, Designing, Writing and Reviewing Test Cases, Test Execution and Evaluation, Creating Test Report, Root cause analysis & Bug Reporting using test management tools, Test Case Writing, Web Automation Testing.
  - **Performance Testing Tool:** JMeter
  - **API Testing Tool:** Postman
  - **Agile Methodology and Project Management Tool**: Jira, Clickup
  - **Concepts:** SDLC, STLC, OOP

- **Technical Skills**

  - **Programming Language:** JAVA, Python, C++, java,
  - **Database:** MySQL, Oracle SQL, Firebase
  - **Development Tools:** Visual Studio Code, Visual Studio, NetBeans, Eclipse.
  - **Source and Version Control:** GitHub,Data Structures.
  - **Others:** Data Structures, Algorithms, OOP, PL/SQL Machine Learning.

LANGUAGE

Bangla : Fluent , Native

English : Fluent

WORK EXPERIENCE

DiligentSoftIT   Dec 5, 2023- Current

Dedicated SQA professional with hands-on experience in testing software applications, skilled in manual testing, API testing, and performance testing.

Key Roles:

- Conducted manual, API, and performance testing using JMeter and Postman.
- Developed test cases and documented bugs in Jira for web-based applications.
- Collaborated in Agile environments, participating in sprint planning and retrospectives.
- Gained strong knowledge of SDLC and STLC processes through academic projects.

Certifications

- SQA Course: Bug Resistance (Jun 2023 - Oct 2023)
  [Certificate link](#)
- Basics Python Programming: Kandi
  [Certificate link](#)

Projects

Metro Rail MS:

Communication System Based Website

Technical skill: Oracle, Notepad++, Virtual Machine

EzTechreview

Ez Review based Website

Technical Skill: CSS, ASP.NET, Html, Boostrap, Microsoft Visual Studio.

Wholesale MMS:

Online Sale based website

Technical Skill: MySQL, Microsoft SQL

Ultimate Garage :

Microcontroller Based System Design.

Technical Skill: UArduino, Stepper Motor, LCD Display ,sensor

Capital One :

An Online Banking System based website

Technical skill: java, MySQL

Grocery shop:

Online Shopping based website

Technical Skill: CSS3, MySQL

Thesis

IoT Attack Detection with Deep Learning

Developed a system to detect network attacks against IoT gateways using a deep learning approach.