TAMANNA KAWSER CHOWDHURY

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GitHub: https://github.com/Tamanna871/Portfolio   **Email:** tamanna.kawser218@gmail.com

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EDUCATION

Premier University, Chittagong   **2020 - 2024**
Bachelor of Science (B.Sc.) - Computer Science and Engineering; CGPA: 3.66 out of 4

Girls' College, Chittagong   **2017 - 2019**
H.S.C - Science; GPA: 3.83 out of 5

City Govt. Girls' High School, Chittagong   **2012 - 2017**
S.S.C - Science; GPA: 4.95 out of 5

SKILLS SUMMARY

- **Testing Skills:** Manual Testing, API Testing
- **Project Management Tool:** JIRA
- **Framework:** Scrum
- **Programming Languages:** Python, C
- **Fronend Development:** Familiar with HTML, CSS, JavaScript, Bootstrap, React
- **Backend Development:** Familiar with Node.js, MySQL, SQL, RDBMS concepts
- **Version Control:** Git, GitHub
- **Microsoft Office Suite:** Word, PowerPoint, Excel
- **Soft Skills:** Presentation skills, positive attitude, eagerness to learn and adapt
- **Language Skills:** Strong written and spoken skills in both English and Bengali

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PROJECTS

API Testing | API Testing with Postman & Newman | PROJECT LINK | API DOCUMENTATION LINK
  - Designed and implemented comprehensive **API test cases** for a **mock student management system** using **Postman.**
  - Performed **CRUD operations** with detailed **assertions** for **status codes, headers, response time**, and **schema validation**.
  - Utilized **data-driven testing** via **CSV input** and **dynamic environment variables** to **chain requests** (create → update → delete).
  - **Automated test runs** using **Newman CLI** and generated **HTML reports** for result visualization.
  - Published **interactive API documentation** via **Postman's Documenter**.
  - Set up and managed a **mock REST API** using **json-server**.

Manual Testing | Student Enrollment Management System | PROJECT LINK | CODE LINK | OUTPUT LINK
  - Created **test scenarios** for both Admin and Student panels, covering all the functionalitites.
  - Developed detailed **test cases**, **RTM**, **test execution results**, and **bug reports** for the **registration functionality** of the admin panel.
  - Familiar with **FRS** documents and **test plan** document.

Scrum Workflow Implementation Using Jira | VIDEO LINK
  - Performed **Agile Scrum activities** using **Jira**.
  - Created a **project** and added **users** to the project.
  - Defined **backlog**, created **epics**, and **user stories** with assigned **story points**.
  - Managed **sprints**: added **user stories**, started the **sprint**, and created **sub-tasks**.
  - Demonstrated the **sprint lifecycle** by moving stories through **Scrum board states**: **To Do**, **In Progress**, and **Done**.

Student Enrollment Management System | CODE LINK | OUTPUT LINK
  - Created a Student Enrollment Management System using **HTML**, **CSS**, **PHP**, **SQL**, and **MySQL**.
  - Utilized **XAMPP** server to manage backend operations and database connectivity.

Portfolio Website | LINK
  - Developed a fully responsive portfolio website showcasing frontend development skills in **HTML**, **CSS**, and **Bootstrap**.
  - Designed and implemented key pages: home, about, projects, and contact.
  - Demonstrated the ability to create functional and visually appealing user interfaces.

EXTRACURRICULAR ACTIVITIES

HackerRank PROBLEM SOLVING RATING | LINK
  - Achieved 5 stars and earned 879.33 points

ICPC ASIA DHAKA REGIONAL SITE ONLINE PRELIMINARY CONTEST | LINK   **2021**
  - Team name: PUC_Bipolar
  - Rank: 843

ADA LOVELACE NGPC 2022 | LINK   **2022**
  - Team name: PUC_Bipolar
  - Rank: 117