Md Muntasir Mahmud Amit

○ mma1166 | ⊕ Portfolio | ● Merul Badda, Dhaka | 📞 +8801721857708 | ✉ muntasir145@gmail.com | in MuntasirAmit

SUMMARY

Detail oriented Computer Science graduate with hands on experience in software quality assurance, web application testing, and test automation. Experienced in manual, exploratory, and regression testing for enterprise and fintech systems, with practical exposure to Cypress based UI automation and API testing using Postman. Comfortable working in Agile teams, collaborating with developers and QA engineers, and contributing to reliable, scalable, and well tested software products.

EXPERIENCE

Spectrum Software and Consulting (Pvt.) Ltd.
Software Test Engineer Intern (November 2025 – Present)

- Designed and executed detailed test cases for web applications.
- Performed UI, exploratory, and regression testing.
- Developed UI automation scripts using Cypress.
- Tracked, documented, and reported bugs with accuracy.
- Collaborated closely with QA engineers and software developers.

SKILLS

Programming & Data Analysis	Python, JavaScript, SQL, NumPy, Pandas, Dask, Scikit-learn, Seaborn, Excel
Testing & QA	Manual Testing, API Testing, UI Automation (Cypress), Cucumber (BDD), Gherkin, Load & Stress Testing, Test Case Design, SDLC, STLC
Database	MySQL
Machine Learning & AI	Data Cleaning, Predictive Modeling, Data Visualization, Large Language Models, Prompt Engineering
Tools	Git/GitHub, Postman, Jira, JMeter, Microsoft Office, Google Workspace, Canva
Other	Linux, Technical Communication

EDUCATION

2021 - 2025	B.Sc. in Computer Science at **BRAC University**, Dhaka	(CGPA: 3.36)
2020	Higher Secondary Certificate (HSC) at **Milestone College**, Dhaka	(GPA: 5.00)
2018	Secondary School Certificate (SSC) at **Santhia Pilot High School**, Pabna	(GPA: 5.00)

PROJECTS

- **Prime Sonjog (OptiFin) – Supply Chain Finance Management System**

  Performed manual, regression, and exploratory testing for a supply chain finance management web application used by **Prime Bank**. Reported critical and functional bugs to developers and implemented UI automation for selected modules using Cypress.

- **EverShop E-commerce Test Automation Framework**   GitHub Link

  Developed a UI automation framework for the EverShop e-commerce web application using Cypress with JavaScript. Automated core user flows including product search, product details validation, add-to-cart functionality, and checkout-related scenarios. Implemented Cucumber (Gherkin) to write human-readable feature files and maintained a clear separation between feature files, step definitions, and locators to improve readability and maintainability. Designed the framework following automation best practices with a focus on scalable test structure for future test case expansion in an open-source project.

- **Diabetes Prediction System**   GitHub Link

  Developed a **Machine Learning system** to predict diabetes risk using health-related data. Implemented ML algorithms with factors such as Gender, Age, Hypertension, Heart Disease, Smoking History, BMI, HbA1c Level, and Blood Glucose Level. Designed an interactive prediction workflow providing probability scores.

- **Flight Delay Prediction System (Distributed Computing)**   GitHub Link

  Implemented a **machine learning pipeline** to predict U.S. domestic flight delays using over 275,000 records. Leveraged **Dask distributed computing** for scalable data preprocessing, feature engineering, and model training. Applied Logistic Regression and Gradient Boosting to evaluate delay patterns, improving efficiency in handling large datasets. Demonstrated expertise in big data analytics, parallel computing, and predictive modeling.