



ASHEK-AL-MAHADY

MSc in Computer Science & Engineering

Experienced in Python, AI, and Software Quality Assurance, with a strong background in training and mentoring, aiming to translate industry expertise into applied, student-focused learning.

Portfolio: <https://ashek-al-mahady.netlify.app/>

Github: <https://github.com/Mahady-95>

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01799915895

Agargaon , Dhaka

EXPERIENCES:

Jahaji Limited– SQA Engineer (Part-Time) (Mar 2026 - Present)

Responsibilities:

- ❖ Executed end-to-end manual & automation testing and ensured product quality across web and mobile applications.
- ❖ Designed test cases, tracked defects, and collaborated with developers to deliver high-quality releases.

Chorki –Senior Program Executive- (Oct 2025 – Present)

Responsibilities:

- ❖ Coordinate and oversee end to end execution of technical programs and digital projects.
- ❖ Assist in system troubleshooting, bug tracking, and reporting technical issues to relevant teams.
- ❖ Coordinate with vendors, partners, and internal teams for technical resource allocation

IBCS-PRIMAX Software (Bangladesh) Ltd.– Python Trainer (Oct-2025-Dec -2025)

Responsibilities:

- ❖ Delivered corporate training on core python, NumPy, Pandas, Django, and Flask API.
- ❖ Conducted hands on session and practical projects to strengthen backend and data skills.

IBCS-PRIMAX Software (Bangladesh) Ltd. –SQA Engineer- (Apr 2024 – Sept 2025)

Responsibilities:

- ❖ Created and managed comprehensive test plans to ensure broad test coverage across web and mobile platforms
- ❖ Enhanced and maintained automated API testing frameworks using Postman, improving testing efficiency and consistency

IBCS-PRIMAX Software (Bangladesh) Ltd -Trainer-SQA (Jan 2025 – Mar 2025)

Responsibilities:

- ❖ Designed and delivered comprehensive training sessions on manual and automated testing, ensuring strong foundational understanding for trainees

Shushilan Ltd. & Insight Bangladesh Foundation– Python Trainer (Jan-2024-Mar -2024)

ADN Diginet Ltd. – Trainee Software Engineer (May 2023-Aug 2023)

American International University-Bangladesh – Teaching Assistant (TA) (Sep 2021-Dec 2024)

SKILLS:

- ❖ **Programming Languages:** C, Java, Python JavaScript
- ❖ **Query Languages:** MySQL, SQL
- ❖ **Testing Methodologies:** Manual Testing, Automated Testing, Regression Testing, API Testing, Performance Testing, UAT
- ❖ **Test Case Management:** Design, Execution, Debugging, Maintenance (Regression & Retesting)
- ❖ **Quality Assurance:** Comprehensive Testing, Defect Tracking, Validation
- ❖ **Documentation:** Test Plans, Test Cases, Test Reports
- ❖ **API Testing Tools:** Postman
- ❖ **Performance Testing:** JMeter
- ❖ **Test Automation Frameworks:** Selenium, Playwright, TestNG
- ❖ **Project Management:** Jira, Trello, Clickup, Notion, Slack
- ❖ **Tools:** VS Code, Eclipse, PyCharm

EDUCATION:

2025

CGPA: 3.78

Master of Science in Computer Science and Engineering (CSE)

Jahangirnagar University (JU)

2022

CGPA: 3.68

Bachelor of Science in Computer Science and Engineering (CSE)

American International University-Bangladesh (AIUB)

2017

GPA: 4.33

Higher Secondary Certificate (HSC)

Govt. Debendra College

2015

GPA: 4.83

Secondary School Certificate (SSC)

Manikganj Govt. High School

PROFESSIONAL TRAINING:

- ❖ Software Testing Specialization – **ESHKHON.COM**
- ❖ Software Testing for Beginners – **UDINEX**
- ❖ Mobile Game & Application (ios) – **DIGICON**

ACCOMPLISHMENT:

- ❖ Python for Everybody – **Coursera**
- ❖ Automating Real World – **Coursera**
- ❖ Trello for Beginners – **Coursera**
- ❖ Git & GitHub – **Udemy**
- ❖ Java (Project Based) – **Coursera**
- ❖ Cyber Security Basic - **Cisco Network Academy**
- ❖ Cloud Computing (IBM) – **Coursera**
- ❖ Deep Learning (DeepLearning.AI) – **Coursera**
- ❖ 21st Century Employability Skilling Program (Advanced) - **WadhWani Foundation**

PROJECTS:

Title: Integrated Social Protection Management Information System (ISPMIS)

Client: Department of Social Services (DSS), Bangladesh

Tools/ Technologies: Playwright, Postman, JavaScript, Trello, JMeter

Project Description:

- ❖ A web-based platform developed for managing allowance applications, selection, and beneficiary records under various government programs.
- ❖ Designed detailed test cases for end-to-end scenarios including application submission, eligibility verification, and approval workflows.
- ❖ Conducted API testing using Postman and created automated UI tests using Playwright to validate core functionalities.
- ❖ Collaborated with developers and business analysts to reproduce and log bugs effectively, ensuring smooth and timely releases.

URL: <https://dss.bhata.gov.bd/>

Title: Integrated Social Protection Management Information System (ISPMIS) - (Mobile App.)

Client: Department of Social Services (DSS), Bangladesh

Tools/ Technologies: Android Emulator, Google Sheets, Trello

Project Description:

- ❖ Mobile-based platform for citizens to apply for government allowances, check eligibility status, and track application progress.
- ❖ Prepared detailed test cases and executed manual functional, UI, and UX testing across multiple Android devices and screen sizes.
- ❖ Reported bugs using Jira and collaborated with developers to reproduce and fix critical issues before release.
- ❖ Validated language support (Bangla & English) and ensured accessibility compliance for rural and elderly users.
- ❖ Conducted regression testing for each release cycle to ensure existing functionalities remained stable.

Title: Billing System – Dhaka WASA (DWASA)

Client: Dhaka Water Supply and Sewerage Authority (DWASA)

Tools/ Technologies: Browser Dev Tools, Excel, ClickUp, Playwright, Postman.

Project Description:

- ❖ A centralized web-based billing system used to manage consumer water usage, generate bills, process payments, and monitor dues
- ❖ Designed and executed manual test cases covering modules like Customer Profile, Meter Reading Entry, Bill Generation, Adjustment, Payment, and Reporting.
- ❖ Performed UI/UX validation and cross-browser testing to ensure consistency across Chrome, Firefox, and Edge.
- ❖ Verified role-based access control (RBAC) for DWASA officials, zone offices, and audit teams.

Asheq

Ashek-Al-Mahady

PROJECTS:

Title: Bangladesh Ordnance Factory (BOF) – ERP Application

Client: Bangladesh Ordnance Factory (BOF)

Tools/ Technologies: Playwright, Excel, Trello, Browser Developer Tools, Postman.

Project Description:

- ❖ Focused manual testing on Material Control and Email Notification modules of the ERP system.
- ❖ Validated Material Request, Stock Verification, Issue and Receive Process, and Approval Workflow functionalities within the Material Control module.
- ❖ Verified system behavior across multiple user roles to ensure appropriate access controls and data confidentiality.

THESIS:

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

Description: The use of Block-chain technology for secure identity management in the banking industry is examined in this paper. According to the study findings, block chain-based identity verification offers convenience, security, and transparency to both individuals and organizations. A foundation of trust and a strong base for embracing a new digital era, the block chain-based ecosystem (digital identity verification) enables multiple collaborators to strengthen authentication and provide identity attribute validation as a first step toward improving the quality of public services.

Title: Deep Learning Based Comprehensive Sentiment Analysis with Facial Expression to Improve Accuracy

Description: Sentiment analysis has applications in HCI, healthcare, security, and marketing, but existing facial expression recognition (FER) models suffer from low accuracy and poor generalization. This work proposes a CNN-based model with transfer learning and data augmentation to improve robustness. Tested on FER-2013, CK+, and JAFFE, it outperforms traditional models in accuracy and precision. The study also highlights multimodal approaches as a future direction for more reliable emotion analysis.

REFERENCES:

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