



Mubashwira Zayan

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SUMMARY

Computer Science and Engineering graduate with hands-on experience in User Acceptance Testing (UAT), requirement validation, and cross-functional collaboration. I enjoy breaking down complex problems, understanding user needs, and making sure solutions actually work in real-world scenarios. With a strong foundation in Agile practices and stakeholder communication, I aim to bridge the gap between business goals and technical execution.

EXPERIENCE

Nextern – Governance, IT, Grameenphone Ltd. (Business/UAT-Analyst Intern) Jul 2025 – Nov 2025

- Supported enterprise transformation project (EOC–ECM) for order management systems.
- Conducted User Acceptance Testing (UAT) to validate business requirements and system functionality.
- Identified and documented defects, bugs, and workflow gaps using Jira.
- Collaborated with cross-functional teams and validated business workflows to ensure successful product releases.

Technical Content Writer, Pawlished & Primped Pet Salon & Spa Jul 2024 – Dec 2024

- Conducted market research and analyzed customer preferences.
- Developed SEO-optimized content to improve brand visibility.
- Created product descriptions to increase customer engagement.

Ecommerce Web Developer Jan 2022 – Jan 2024

- Designed and developed a Shopify-based e-commerce store for a personal clothing business.
- Customized store layout, themes, and user experience to align with brand identity and improve customer engagement.
- Managed product listings, pricing, and inventory to ensure smooth business operations.
- Analyzed customer behavior and sales data to make data-driven decisions and enhance store performance.

EXTRACURRICULAR ACTIVITIES

Sub-EB, In Charge – Corporate & Finance, NSUCEC Aug 2022 – Jan 2025

- Organized multiple events at both intra- and inter-university levels, ensuring smooth execution and engagement.
- Secured sponsorships and partnerships to fund club activities, increasing event scale and outreach.
- Trained members in leadership and communication skills.
- Coordinated with different teams to manage logistics and promotional campaigns efficiently.

PROJECTS

Palmprint Detection System

- Developed a biometric authentication system using self-made datasets and Computer Vision techniques with 99% accuracy

Accurate Code Generation System

- Created an AI-powered system by leveraging Natural Language Processing (NLP) and LLM frameworks to automate snippet.

Virtual Mouse and Keyboard Interface

- Engineered a real-time Gesture Recognition system based on ASL to control a virtual keyboard and mouse.

EDUCATION

Bachelor of Science in Computer Science and Engineering Aug 2020 – Jan 2025

North South University

- CGPA: 3.66 (Magna Cum Laude)
- Thesis on “Improving Accuracy of Contactless Palmprint Recognition using Gabor Filters and Local Binary Pattern for Highly Secure Biometric Authentication Applications” – Published on IEEE SMC 2025: <https://ieeexplore.ieee.org/document/11342824>

A Levels & O Level

May 2016 – May 2019

Maple Leaf International School

- Daily Star & Edexcel Awardee

SKILLS SUMMARY

Data Analytics & Visualization:

- SQL
- Python (Pandas/NumPy/Matplotlib)
- Tableau, Power BI
- Statistical Analysis
- A/B Testing
- Excel (VLOOKUP, Pivot, Solver)

Business Analysis:

- Requirement Gathering
- Data & Gap Analysis
- Stakeholder Communication
- UAT (User Acceptance Testing)
- Use Case & User Story Development
- Process Mapping (BPMN)
- BRD, PRD, FRD, SRS Documentation

Agile: Scrum, Kanban, SDLC

PM Tools: Jira, Trello

Methodologies: Agile, Scrum, SDLC

AI & Machine Learning

- Computer Vision (OpenCV)
- Neural Networks
- Machine Learning
- LLMs, Prompt Engineering,