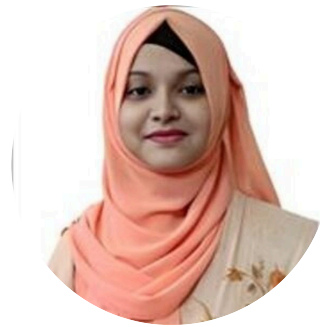


# Arpa Nihan

## Assistant SQA Engineer



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🐙 [github.com/arpa12](https://github.com/arpa12)

### Profile

A dedicated Computer Science and Engineering B.Sc. graduate from Daffodil International University, Currently working as an Assistant SQA Engineer at Business Automation Ltd., I have a strong foundation in manual testing, API testing, and web development. My previous experience includes 2 years as an English Teacher at Lightship and a co-founder role at 100 Million Mindset Organization, where I specialized in Graphic Design, Web Design, and WordPress Development. Known for my collaborative approach, technical proficiency, and effective communication skills, I am committed to delivering quality software solutions.

### Education

**B. Sc in Computer Science & Engineering,**  
DAFFODIL INTERNATIONAL UNIVERSITY

2019 – 2022 | Dhaka, Bangladesh

**Science, DHAKA CITY COLLEGE**

2016 – 2018 | Dhaka, Bangladesh

### Skills

**Programming Languages:** ● ● ● ● ●  
HTML & CSS, Bootstrap, JavaScript, React

**Manual Testing:** ● ● ● ● ●  
• Black Box Testing  
• Functional Testing (including Integration Testing, System Testing, User Acceptance Testing, Smoke Testing, Sanity Testing, Regression Testing, and API Testing)  
• Non-Functional Testing  
• API Testing with Postman

**Soft Skills:** ● ● ● ● ●  
Time Management, Leadership, Effective Communication, Critical Thinking

**WordPress Development:** ● ● ● ● ●  
Website creation using themes, plugins, and Elementor

**Automation Testing:** ● ● ● ● ●  
Cypress

**Technical Tools:** ● ● ● ● ●  
Postman, CodeLab, Cypress, Newman

### Professional Experience

**Assistant SQA Engineer** 2023 – present | Dhaka, Bangladesh

- Conduct thorough testing on web and mobile applications, identifying and documenting defects to ensure seamless user experiences.
- Develop and execute test cases and scenarios for functional, regression, integration, and acceptance testing based on project requirements.
- Document, track, and report bugs using CodeLab, ensuring prompt categorization and prioritization of issues.

- Collaborate with developers, project managers, and stakeholders to understand product requirements and provide comprehensive feedback.
- Validate API responses and data flow accuracy between system components, ensuring data consistency.
- Perform exploratory testing to uncover potential issues, extending beyond defined test cases.
- **Achievements:**
- Reduced bug resolution time by 15% through efficient issue-tracking protocols.
- Ensured 95% test case coverage on all modules in multiple projects, improving testing efficiency by implementing structured test cases and exploratory testing.

#### Software Developer-fresher

2023 – 2023 | Dhaka, Bangladesh

Engaged in website development as a Software Developer (Fresher), focusing on frontend technologies including HTML, CSS, JavaScript, and React.

## Projects

#### Online Registration System of Tour Operator and Tour Guide

- Conducted thorough testing, encompassing **integration, system, acceptance, regression, performance, usability, and compatibility testing** across multiple projects.
- Used **CodeLab** as the primary issue-tracking tool to document and manage identified issues, ensuring efficient communication and resolution throughout the testing process

#### EMRD Dashboard

- Conducted thorough testing across all key areas: **integration, system, acceptance, regression, performance, usability, and compatibility**.
- Utilized **CodeLab** for issue tracking, ensuring organized documentation of issues and facilitating effective communication for quick resolution.

#### Training Management System

- Conducted thorough testing, encompassing **integration, system, acceptance, regression, performance, usability, and compatibility testing** across multiple projects.
- Used **CodeLab** as the primary issue-tracking tool to document and manage identified issues, ensuring efficient communication and resolution throughout the testing process

#### Land Service Gateway

- Executed comprehensive testing across multiple dimensions, including integration, system, acceptance, regression, performance, usability, compatibility, and API testing. Additionally, generated test reports using Newman, a third-party Node.js library.
- Utilized **CodeLab** for issue tracking, ensuring organized documentation of issues and facilitating effective communication for quick resolution.

## Certificates

#### Fundamentals of Database Engineering

Successfully completed the “Fundamentals of Database Engineering” course at the Skill Development Center conducted by Business Automation Ltd from June 8, 2024, to August 24, 2024, with a total duration of 22 hours.

## References

**Md. Zahirul Islam**, Lecturer, Daffodil International University  
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**Md. Mojadded Hossain Khan**, Assistant Project Manager, Business Automation LTD  
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