



# Nahid Hasan

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Education

### B.Sc. in Computer Science and Engineering

01/2020 - 02/2024

CGPA: 3.70 out of 4.00

Varendra University, Rajshahi, Bangladesh

## Skills

- **Software Testing and QA:** Manual Testing, API Testing (Postman), Functional Testing, Regression Testing, Test Case Design, Bug Reporting, Defect Tracking.
- **Test Management and Tools:** TestRail, Postman, Agile/Scrum, SDLC, STLC
- **Programming:** Python, PHP, JavaScript, SQL, HTML, CSS, C, C++.
- **Databases:** MySQL, PostgreSQL.
- **Version Control:** Git, GitHub.

## Experience

### Intern, Business Automation Ltd

06/2024 - 10/2024

- Executed **API test cases using Postman**, performed request/response **validation**, and **tracked defects** based on **STLC** processes.
- Designed and maintained **test cases and test plans** for functional and regression testing.
- Worked collaboratively using **Git and Agile methodologies**, ensuring structured development.
- Gained exposure to **Laravel-based application development** to understand backend workflows and API behavior.

## Projects

### Evershop Demo: Search Functionality Testing

[GitHub Link](#)

- Developed and executed **28+ test cases** for API and UI search functionalities, achieving a **68% pass rate**.
- Identified and reported **8 critical defects**; conducted **7 happy path tests**, all of which passed.
- Utilized **Postman for API testing** and **Excel for documentation**.

**Technologies:** Postman, API Testing, Test Case Design, Bug Reporting, Manual Testing, UI Testing

### Attendance App

[GitHub Link](#)

- Created a **responsive dashboard** for teachers to mark attendance efficiently.
- Implemented **data validation & error handling**, ensuring **99% data accuracy**.
- Designed an intuitive UI using **Bootstrap** for better usability.

**Technologies:** PHP, Laravel, MySQL, HTML, CSS, JavaScript

### CropDoc: Crop Disease Classification System

[GitHub Link](#)

- Developed a **CNN model with 85% accuracy** for crop disease detection.
- Applied **image recognition & data augmentation** to improve classification.

**Technologies:** Python, TensorFlow, Convolutional Neural Network (CNN), Machine Learning

## Courses and Certification

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### SQA: Manual and Automated Testing

12/2023 - present

Ostad (Ongoing)

- Learned SDLC, STLC, test case writing, different types of tests that are needed to do.
- Learned **API testing(manual and automation)** using Postman.

### Prompt Engineering for ChatGPT

Vanderbilt University, Coursera

Certification

- Learned advanced prompt engineering techniques for optimizing responses and performance in AI-based systems like ChatGPT, Gemini and other LLM based generative websites

### SQL advanced exam

Hackerrank

Certification

- Successfully passed the sql advanced assessment.

### Fundamentals of Testing with TestRail

TestRail Academy

Certification

- Learned to manage test case and generate report results using the website testrail.

## Languages

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- **Bengali:** Native
- **English:** Comfortable (B2 for listening, reading, and writing)