

Md. Abdul Kuddus Nibir

Software Quality Assurance Engineer

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Career Objective

I am a Dedicated and Detail-Oriented Software Quality Assurance Engineer with a Strong Passion for Ensuring the Delivery of High-Quality Software Products. I seek a career in Software Quality Assurance in a fast-paced Company where I will apply my Knowledge of Quality Assurance to Process the Quality of finished Goods. My long-term Goal is to become a Lead Quality Assurance Engineer or Manager, where I can use my Experience and Knowledge to Mentor and Guide other QA Professionals.

Work Experience

Organization: Crusherslab QA

Designation: Jr. Software QA Engineer

Duration: From 4th March 2023 To 20th August 2023

Worked Projects

ShothikAI - A AI Driven Web App for Content Writers

A futuristic AI-Driven SAS Application for Language Learners or Content Writers. It offers Features like Content Writing, Paraphrasing, Summarizing Content, and Grammar Correction to Suit one's Learning Style.

Responsibilities: Exploratory Test, Mind Mapping, Test Planning, Functional Testing, Tests of NLP Models (Core), Bug Status Documentation & Reporting.

[[Live-Link](#) | [Repo-Link](#)]

Buddy Tutor - A Web Based E-Learn Web Platform

A Web Based E-Learn Platform that Provides Online Tutor Services.

Responsibilities: Exploratory Test, SRS Documentation, Mind Mapping, Test Planning & Documentation, Writing & Executing Test Cases, Bug Status Documentation & Reporting, Performance Test & Reporting.

[[Live-Link](#) | [Repo-Link](#)]

Zafenity - A Web Based SAS Application for Brokers

A Web-Based SAS Application that Provides Broker Services for Buying or Renting Homes, Properties, Loans, and so on with respect to individuals.

Responsibilities: Exploratory Test, Mind Mapping, Test Planning, Functional Testing, URL's Validation Testing, Payment Gateway Testing, Cookie Testing.

[[Live-Link](#) | [Repo-Link](#)]

DBBet - Online Betting Platform on the Web

A Betting Platform on the Web for Betting on Different Sports, E-Sports, and other Global Game Events.

Responsibilities: Exploratory Test, Mind Mapping, Test Planning, Test on Localization & Analysis (Web-Version), Test Report Documentation.

[[Live-Link](#) | [Repo-Link](#)]

ChatAI, HelloVPN, PhotoBrain - Android Apps

These are Android Applications that are used for Different Purposes by Individuals. These Applications are Developed by the 7Apps Organization.

Responsibilities: Mind Mapping, Test-Strategies (Client-Provided), Device & OS Fragmentation Testing (Versions: 8.0, 8.1, 9, 10, 11, 12, 13), Issue Reporting.

[[ChatAI-Link](#) | [HelloVPN-Link](#) | [PhotoBrain-Link](#) | [Repo-Link](#)]

SQA Skills

Manual Testing

- Requirement Analysis and Documentation.
- Test Planning and Documentation.
- Designing Writing and Reviewing Test Cases.
- Test Execution and Evaluation.
- Creating Test Report.
- Root Cause Analysis.
- Bug Reporting using Test Management Tools.

Performance Testing Tools

JMeter

BlazeMeter

API Testing Tools

Postman

Newman

Project Management Tools [Agile]

ClickUp

Jira

Taiga

Concepts

SDLC

STLC

OOP

Automation Tools

Selenium

Maven

TestNG

WebdriverIO

Training & Certification

- Completed Training Program on "Software Quality Assurance (SQA)" Under Bug Resistance [[Certification-Link](#)]
- Software Quality Assurance (SQA) Certified on TestDome [[Certification-Link](#)]
- Training on Software Testing from Great Learning [[Certification-Link](#)]
- Training on Cyber Security from Great Learning [[Certification-Link](#)]

Technical Skills

- **Programming Languages:** C/C++, Java, Python, HTML, CSS, JavaScript, PHP
- **Database:** MySQL, MSSQL, Firebase
- **Database Tools:** MySQL Workbench, XAMPP, Firebase Console
- **Integrated Development Environment:** Google Collaboratory, VS Code, CodeBlocks, Dev C++, PyCharm, Android Studio, NetBeans, Arduino, Cisco Packet Traces, Kaggle, Eclipse
- **Simulation Software:** Proteus, Tinkercad
- **Utility:** Premiere Pro, Light Room, Filmora, Camtasia, MS Office
- **Frameworks/Libraries:** Bootstrap, Tailwind CSS, SCSS, Node.js, React.js
- **Game Engine:** Unity, Unreal Engine
- **Source and Version Control:** Git, GitHub, GitLab

Manual Testing Samples

- **Test Case Writing**
 - Link: [[Sample-1](#), [Sample-2](#), [Sample-3](#), [Sample-4](#)]
- **Bug Report Writing**
 - Link: [[Sample-1](#)]
- **Load Testing Using JMeter & BlazeMeter**
 - Link: [[Sample-1](#), [Sample-2](#)]
- **API Testing Using Postman**
 - Link: [[Sample-1](#)]
- **Database Testing Using XAMPP**
 - Link: [[Sample-1](#)]

Automation Testing Samples

- Gmail Auto SignIn & SignOut Test Using Selenium Webdriver [[Repo-Link](#)]
- Google Chrome Automation on Search Engine Selenium WebDriver [[Repo-Link](#)]

Developed Projects

E-Pharmacy - E-Commerce Web App for Medicine

A Web-Based Business Application that deals with the prescription and sales of prescribed and non-prescribed medicine as in Traditional Pharmacies.

Technology: ReactJS, NodeJS, Mongo DB, Tailwind CSS, JavaScript(ES6), MongoDB, Redux, Stripe, SwiperJS.

[[Repo-Link](#) | [Live-Link](#)]

PharmWare - Pharmacy Inventory & Management App

An Android Application for Medical Store Owners or Any Pharmacy Owner used to Store Medicines in their Inventory, Sales and Stock details etc.

Technology: XML, Java, Firebase, Android SDK, AVD.

[[Repo-Link](#) | [App-Link](#)]

Remote Healthcare System - IoT Ecosystem

An IoT based Project that aims to provide Remote access to Healthcare Services, using Internet of Things Technology. This System allows Healthcare Providers to Monitor their Patients Health and offer timely Medical Advice, While Patients can easily Access Medical Services from Home.

Technology: Embedded Ecosystem, Digital Electronics, Web Application, Android App, MQTT Protocols, Blynk Services, Ubidots IoT Platform.

[[Repo-Link](#)]

Education

Jan 2019 – July 2023

Bachelor of Science in CSE (B.Sc.)

[Daffodil International University, Dhaka](#)

- CGPA 3.32 out of 4.00

Apr 2015 – Jul 2017

Higher Secondary Certificate

[Cantonment Public School & Collage, Lalmonirhat](#)

- GPA 4.25 out of 5.00 (Department of Science)

Jan 2005 – Feb 2015

Secondary Secondary Certificate

[Lalmonirhat Govt. High School, Lalmonirhat](#)

- GPA 5.00 out of 5.00 (Department of Science)

Achievements

- 1st Runners up in Project Showing, DIU CSE Fest 2019
- Champion in Project Showing, Daffodil ICT Carnival 2019
- 12th Place in DIU Takeoff Programming Contest, Spring 2019, Permanent Campus DIU
- Participant in International Collegiate Programming Contest (ICPC) 2019

Research Paper

Cyber Threats on IoT Based Ecosystem

- IoT Devices are vulnerable to various Cyber Threats that can compromise their functionality, privacy, and integrity. This paper presents a comprehensive study of the Cyber Threats on IoT-based ecosystems, including the various attack vectors, potential impact, and mitigation strategies. [[Paper-Link](#)]

References

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