

FARIA HABIB

Software Developer Aspirant

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Dhaka, Bangladesh
faria-habib



EXPERIENCE

Software Quality Assurance Engineer

Dynamic Solution Innovators

April 2022 – Ongoing Mohakhali Dohs, Dhaka

Project: AMTDirect

- Manual Testing:** Making Test Plans, Test Cases, Executing Tests, Reporting Bugs, and Adding Cards (Jira), Requirement Analysis
- Automated Testing** **Web UI Automation** - Cypress, Selenium (TestNG), **Mobile Automation** - Apium, **API Testing** - Postman, **Behavior Testing**- Cucumber, **Performance Testing** - Jmeter

Project: DEM: Employee Attendance Management

Assisted in Database Migration along with updating the existing application dependencies and functions.

- Java Jersey
- Microsoft SQL Server
- Git

Intern

Grameen Phone

Feb 2021 - Mar 2021 Dhaka, Bangladesh

This internship program exposed me to communications technologies, their data transmission procedure used by the company.

PROJECTS

CareMother

IoT based Fitness Tracker and Android Mobile Application
Developed an Android Mobile Application using Java. Integrated data from different hardware and databases.
Tools/Tech: Java, Google APIs, Gradle, Firebase, Android Studio

Acoustic VR Game

An audio-based VR Game for Blind People
Android Mobile Application which performed as an acoustic virtual game for blind people taking inputs from blind people's touches and haptics and integrated data using the database.
Tools/Tech: Java, Google APIs, Gradle, Firebase, Android Studio, Microsoft Azure text-to-speech converter

FullStack CRUD Application

Fullstack CRUD Application using Spring Boot

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, Javascript, C, Assembly (Intel x86, MIPS)

Frameworks: Spring Boot, React Native, JQuery

Tools/IDE: IntelliJIDEA, Visual Studio Code, Android Studio, Google Dev Tool, Codeblocks, OpenGL, Blender

DevOps: Jenkins, Git, Docker

Databases: MySQL, NoSQL(Firebase), PL/SQL, Microsoft SQL Server, Oracle

Others: MSOffice, Jira, GSuite, Git, Postman, Cypress, Selenium, Apium, Jmeter and Cucumber

ONLINE JUDGE EXPERIENCE

- Leetcode:** 100+ Problems Solved
- Codeforces:** 50+ Problems Solved
- Virtual Judge:** 35+ Problems Solved

HONORS AWARDS

Awarded For MIST Dean's List of Honour (Academic Session 2020-2021)

EDUCATION

B.Sc. in Computer Science Technology

Military Institute of Science Technology

Feb 2018 - May 2022 Dhaka, Bangladesh

CGPA: 3.31/4.00

PUBLICATIONS

Conferences:

- F. Habib, T. Fatema, M. Khan, N. I. Khan, and M. N. Islam, "Exploring design attributes and development of an acoustic vr game to improve ethical values of visually impaired people," in *2022 IEEE 7th International conference for Convergence in Technology (I2CT)*, IEEE, Pune, India, 2022, pp. 1–8.
- M. Bhowmik, F. Habib, F. Ashraf, et al., "Evaluating usability of mobile financial applications used in bangladesh," in *Advances in Design and Digital Communication III: Proceedings of the 6th International Conference on Design and Digital Communication, Digi-com 2022, November 3–5, 2022, Barcelos, Portugal*, Springer, 2022, pp. 161–176.

Developed a simple fullstack application performing
CRUD operations using Spring Boot framework.

Tools/Tech: Java Springboot, React, Javascript, Maven,
MySQL, API