






FAHAD PATHAN

Software Engineering Undergrad

-  +880 1612363458
-  fahadpathan56@gmail.com
-  [fahadPathan7](#)
-  [fahadpathan](#)
-  Moghbazar, Dhaka-1217



EDUCATION

B.Sc. in Software Engineering

Shahjalal University of Science and Technology, Sylhet
2020 - Present, CGPA: 3.72

Higher Secondary School Certificate

Notre Dame College, Dhaka
2017 - 2019, GPA: 5.00

Secondary School Certificate

Motijheel Govt. Boys' High School, Dhaka
2015 - 2017, GPA: 5.00

SKILLS

Languages

- C/C++
- Java
- JavaScript
- Golang
- HTML & CSS

Libraries and Frameworks

- Express.JS
- React.JS

Databases

- MySQL
- MongoDB

Collaborations

- Git & GitHub
- Team communication

PROBLEM SOLVING

Solved **1000+** problems on various online problem solving platforms.

- [Codeforces1](#) [Codeforces2](#) **Max Rating: 1386**
- [CodeChef](#) **Max Rating: 1709**
- [StopStalk](#)
- [LeetCode](#)

HACKATHON EXPERIENCE

- Smart Unibator-University Innovation Hub Program
SUST, 2024: 3rd position award
- DU Code Samurai, 2024: 2nd phase
- Innovation Fair, SUST, 2024: Special Recommendation
- Leading University Hackathon, 2023: Participant

PROJECTS

EcoSync

2024 April || Link: [github](#)

A comprehensive web app for DNCC's waste management. Features includes role-based access, vehicle & facility management, billing, route & fleet optimization, and dashboard statistics.

- Wrote API.
- Designed activity, swim-lane and use-case diagrams.
- Handled authentication with JWT, session and password encryption.
- Added email-based OTP system.
- Handled image uploads.
- Showed real time data using socket and
- Handled the database.
- **Backend: Express.JS, Socket.io; Database: MongoDB.**

SUST Football Tournament Management System

2023 September - November || Link: [github](#)

A web application for SUST Football Tournament Management System for efficient management of teams, schedules, fixtures, and scores.

- Wrote API.
- Used JWT and session for authentication.
- Designed activity diagram and handled the database.
- **Backend: Golang; Database: MySQL.**

HandyHire

2023 October || Link: [github](#)

A web application that connects people needing help with handy jobs like electrical work, cleaning, and more to do in their spare time

- Wrote API.
- Designed some user interface pages.
- Designed activity diagram and handled the database.
- **Backend: Golang; Database: MySQL; Frontend: HTML & CSS.**

Connect

2023 January - March || Link: [github](#)

An android app for disaster management. Features includes volunteer coordination, real-time warnings, weather updates, essential contacts, distress location tracking, and seamless communication.

- Designed the user interface.
- Integrated weather info using open API.
- Added location tracking.
- Added real time chatting option using Firebase and
- Handled the database.
- **Language: Java; Database: Firebase.**

Survive-It

2022 May || Link: [github](#)

A game of a captivating world, where hero must protect Wonderland by confronting sea and sky monsters.

- Developed the animations of movement, spell and explosion.
- Developed collisions among hero and monsters.
- Developed the background rendering.
- **Language: Java (LibGDX).**