Nowshin Fabiha Ibnat

Bachelor of Science in Software Engineering
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Profile Summary

Passionate about software development with a strong desire to learn new technologies. As a fresher, eager to explore various development areas, enhance problem-solving skills, and adapt to new challenges. Committed to continuous learning and excited to contribute to impactful projects in a collaborative environment.

Academic Qualification

Exam	Subject/Group	Institute	Result	Year
BSc	Software Engineering	Noakhali Science and Technology University	3.27 Up to 5th Semester	2022 - Present
HSC	Science	Shompara College	5.00/5.00	2020
SSC	Science	NF and BN High School	4.89/5.00	2018

Skills

- **Programming Languages**: C, C++, Java, Python, Javascript, PHP
- **Markup and Styling:** HTML, CSS
- **Frameworks and Libraries:** Flutter, Laravel, Java Swing.
- **Database:** MySQL
- **Data Analysis**: NumPy, Pandas, Matplotlib, Seaborn
- **Operating System**: Windows, Linux
- **Tools**: Git, GitHub, XAMPP, Microsoft Office, VS Code, Android Studio, Postman.

Major Courses Completed

- Structured Programming
- Discrete Mathematics
- Data Structure
- Algorithm Analysis
- Object Oriented Concepts (OOP)
- Web Technology
- Design Pattern
- Database Management System
- Software Requirements Spec. and Analysis (SRS)
- Artificial Intelligence
- Software Testing and Quality Assurance
- Operating Systems and System Programming

Projects

1. **FlashFeed** *April 2025 – May 2025*

A **mobile application** that delivers the latest news updates across various categories with user-centric features.

Key Features:

- Real-time news fetching via NewsAPI
- Category-based filtering
- Real-time search functionality
- Bookmarking articles with offline reading
- Smooth navigation and user-friendly UI

Tech Stack:
Frontend: Flutter
Backend/API: RESTful API (NewsAPI.org)
Local Storage: shared_preferences

2. **Quiz App** *March 2025 – April 2025*

A simple **mobile application** that allows interactive multiple-choice quizzes with real-time scoring.

Key Features:

- Multiple-choice questions with instant feedback
- Real-time score calculation and result summary
- Modular question structure with dynamic navigation
- Simple and responsive UI optimized for all devices
- Local state management using setState

Tech Stack:
Frontend: Flutter
Data Handling: Static JSON

3. AidHive *February 2025 – April 2025*

A **web-based** online donation platform tailored for a specific non-profit organization to streamline donations.

Key Features:

- Role-based access: Donor, Program Coordinator, Accountant, Top Management
- Event-based donation system
- Track how donations are utilized
- Dashboard for management and reporting

Tech Stack:
Frontend: HTML, CSS, JavaScript
Backend: Laravel (PHP)
Database: MySQL

4. Talk2Metro *April 2024 – December 2024*

A smart metro-rail ticket booking **mobile application** that simplifies ticketing with efficient station selection.

Key Features:

- Metro station selection logic based on direction
- Ticket preview and payment interface
- Firebase integration for real-time data handling

Tech Stack:
Frontend: Flutter
Database/Backend: Firebase

5. Geometry Learning Application *March 2023-October 2023*

A **desktop-based** educational application designed to help school students understand and learn geometrical shapes and their properties.

Key Features:

- Interactive UI for shape selection
- Visual illustrations of properties

Tech Stack:

Technology: Java Swing.

Online Judge:

Online Judge & Contest Judge Name	ID	Achievement
CodeChef	fabiha_ibnat	★ (1 Star Rating), Solved: 132 problems
HackerRank	nfabihai	C++ Badge (CPP, 1 star)

Certification

- EDGE-NSTU-IIT Digital Skills Training Program

Hands-on training in Web Development with html, CSS, PHP, Laravel, focusing on building scalable web applications.
Developed: AidHive (Online Donation Platform).

Roles and Responsibility

Member at IT Club, NSTU

Interpersonal Skills

- Hard Working and honest
- Ability to build a good relationship with people
- Good communication skills
- Teamwork and problem-solving

Achievements

- Participated “Intra NSTU Programming Contest-2022, CSTE”.
- Participated “Intra NSTU Programming Contest-2022” in 2nd NSTUSC Science Fest 2022.

Language Proficiency

- Bengali (Bangla): Native proficiency
- English: Professional working proficiency

Reference (s)

Reference 01
Md. Iftekhar Alam Efat
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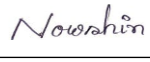

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