

# Feroj Miah

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## Summary

Motivated Computer Science Engineer skilled in backend development with C# and ASP.NET Core, with additional experience in Java. Proven problem-solver and leader through successful projects and key roles in NITER Computer Club.

## Professional Experience

### Itransition Group

Intern Developer

03/2025 – 05/2025 | Remote

- Completed 2-month internship at Itransition focused on backend development with C# and ASP.NET.
- Gained hands-on experience in backend architecture and real-world problem solving.

### NITER Computer Club - NCC

General Secretary & Advisor of Competitive Programming -> Office Secretary & Executive Director of Competitive Programming -> Junior Executive of Competitive Programming

05/2025 – Present | Nayarhat, Savar

- Led club operations and competitive programming initiatives at NITER Computer Club, organizing impactful workshops and events to boost student engagement.

## Projects

### Daily Mood Tracker, Mental Health Journal with Automated Support Alerts

- A web application that tracks user moods, sends alerts during low moods, and promotes mental health awareness through automation.
- Built with ASP.NET Core MVC, Identity Core, EF Core, MySQL, and Bootstrap.

### Contact Manager, TDD-Based Contact Management System with Unit Testing

- A project focused on Test-Driven Development and clean architecture to ensure high code quality and maintainability.
- Built with ASP.NET Core, Razor Pages, Entity Framework Core, and xUnit.

### Student Management System, Console-Based Java Application for Efficient Student Data Management

- A terminal-based Java app demonstrating backend logic and database handling through CRUD operations.
- Built using Java, JDBC, and MySQL.

## Skills

**Programming Languages** — C#, Java, C++, C

**Frontend** — HTML, CSS, JavaScript, Bootstrap, Materialize CSS

**Databases** — MySQL, MSSQL, NoSQL (Conceptual understanding)

**Frameworks/Technologies** — ASP.NET Core, ASP.NET Razor pages, ASP.NET MVC, ASP.NET Identity, xUnit, Entity Framework (EF) Core, Spring Framework, JDBC, Spring JDBC, Hibernate, Servlet, JSP

**Tools & Methodologies** — Git, GitHub, OOP, REST API, Unit Testing, Data Structures, Algorithms, Team Leadership, Communication

## Education

### B.Sc(Engg.) in Computer Science and Engineering,

National Institute of Textile Engineering and Research

02/2021 – Present | Nayarhat, Savar

- Currently a 4th-year B.Sc. Computer Science & Engineering student at NITER, graduating in 2026.

## Certificates

**Commercial Software Development - C#** — From Itransition Group (Issued May 2025)

**Postman API Fundamentals Student Expert** — From Postman (Issued Jun 2025)

**Workshop on Web Application Development using Spring Boot** — From NITER (Issued Jun 2024)

**NASA Space App Challenge 2023** — "Galactic Problem Solver" for outstanding participation and efforts to solve challenges on Earth and in space (Issued Oct 2023)

## Languages

**Bangla** — Native | **English** — Conversational