

# Tanjil Bin Mohiuddin

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## Education

**American International University-Bangladesh (AIUB)** Jan 2022 – Jan 2026

- B.Sc. in Computer Science and Engineering | Dhaka, Bangladesh

**Dean's Award** - Recognized as top 5% student in CSE department

Fall 2022 – Fall 2024

**Academic Scholarship** - Awarded for consistent academic excellence

Fall 2023 – Spring 2024

## Competitive Programming

### Online Judge Profiles

- **Codeforces:** [tanjill](#) - Max Rating: **1211** (Pupil, Top 24% of users)
- **LeetCode:** [tnjl](#) - Rating: **1653**, Global Ranking: **128,929/778,065** (Top **16.91%**)
- **Problem Solving:** Actively solving algorithmic challenges across [LeetCode](#), [CodeChef](#), and [UVA](#)

### Onsite Contests

**ICPC Dhaka 2025 Preliminary**

Nov 2025

- Secured **519th place** among **1,842 teams** competing nationwide as Team **AIUB\_logN** ([Standings](#))

**Intra-AIUB Programming Contest 2024**

Mar 2024

- Secured **21st place** in Senior Category among 100+ participants ([Standings](#))

## Projects

**Health Care Management API**

[GitHub](#)

- Architected a **3-tier enterprise application** using ASP.NET with clear separation of concerns across Business Logic Layer (BLL), Data Access Layer (DAL), and Application Layer
- Implemented **SOLID principles** and Code First approach with Entity Framework to ensure scalable and maintainable architecture supporting concurrent database operations
- Created RESTful API endpoints enabling efficient CRUD operations for patient records, appointments, and medical staff management

**Gadgeto - E-commerce Platform**

[Backend](#) | [Frontend](#)

- Engineered a full-stack e-commerce platform using **NestJS**, **Next.js**, and **PostgreSQL** with comprehensive product catalog and order processing functionality
- Constructed an **admin panel** for product, user, and order management with role-based access control, enabling efficient inventory tracking and user administration
- Integrated **Zod** for form validation, **Axios** for API communication, **JWT** for secure authentication, and **Mailer** for automated email notifications

## Technical Skills

**Languages:** C++, C#, SQL

**Backend:** ASP.NET, NestJS, Entity Framework

**Frontend:** Next.js, React

**Databases:** PostgreSQL, MySQL

**Tools & Technologies:** Git, GitHub, Postman, JWT, RESTful APIs, Axios, Zod, Mailer, JSON

**Fundamentals:** OOP, SDLC, STLC, Problem-Solving, Testing Principles

## Leadership & Volunteering

**IEEE AIUB Student Branch**, Event Coordinator & Volunteer

Jan 2022 – Jan 2025

- Orchestrated 4 major technical events attracting 300+ attendees and collaborated with 20+ team members to execute initiatives reaching 150+ students