Tamim Ahamed

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# CARRER OBJECTIVE

Final-semester Computer Science student skilled in ASP.NET Core, RESTful API development, and full-stack web technologies, including Next.js, NestJS, React, and PostgreSǪL. Hands-on project experience developing academic and personal applications, with a strong interest in contributing as a Software Development Intern and growing in a tech-focused environment.

# EXPERIENCE

## American International University-Bangladesh

02/2025 –

05/2025

07/2024 –

12/2024

Course Project - Task Management APP

Developed a production-grade task management platform using NestJS,NextJS with PostgreSǪL and TypeORM.

Implemented **JWT authentication** with **token refresh**, **Google OAuth**, role- based access control, and session management with inactivity logout.

Built a r**eal-time chat system with WebSocket integration**, direct/group messaging, and read receipts.

Designed advanced task workflows: CRUD, assignment, deadlines, priorities, **threaded comments, time logs,** and **file attachments**.

Integrated **Stripe payments** for collaborator bonuses with payment method updates and status tracking.

Implemented email services (verification, password reset, file upload notifications) with **Abstract API validation** and **Nodemailer SMTP**. Applied clean architecture principles with modular services, middleware for token refresh, and role-based permissions.

Course Project - Advanced .NET Development

Developed a **RESTful Web API using ASP.NET** to track health metrics such as heart rate, blood pressure, and activity levels.

Implemented Entity Framework with Code-First approach for efficient database management.

Followed **SOLID principles and N-Tier architecture** to ensure maintainability and scalability.

# EDUCATION

01/2022 – 01/2026

Dhaka

06/2018 – 06/2020

Dinajpur

03/2018 – 01/2020

Dinajpur

# LANGUAGES

**Bachelor of Science Computer Science & Engineering,** American International University-Bangladesh (AIUB) Dhaka Relevant Coursework: ADVANCED PROGRAMMING WITH

.NET,ADVANCED PROGRAMMING IN WEB

TECHNOLOGY(NextJS,NestJS,React,PostgreSǪL),Software Engineering, Database Management, Web Development(PHP,JAVASCRIPT), Data Structures, Algorithms,

CGPA: 3.76/4.0

**Higher Secondary Certificate,** Dinajpur Government City College Dinajpur GPA: 5.00/5.00

**Secondary School Certificate,** Dinajpur Zilla School Dinajpur GPA: 4.89/5.00

**Bengali** — Native

**English** — Proficient

# SKILLS

RESTful API development  ASP.NET Core MVC,Web API  Entity Framework Core  JavaScript,TypeScript  NextJS,NestJS  React,Angular  Git  Azure DevOps  Strong problem-solving abilities  Effective team collaboration 

Ability to analyze issues critically  Resolve challenges efficiently  Teamwork and collaboration

# EXTRACURRICULAR ACTIVITIES

## Physics 2 Poster Presentation - Solar Energy

2023, Presented research on solar energy applications and sustainability in a university physics event.

# REFERENCES

**References available upon request.**