

KHANDAKER AZNAN ALAM SEAM

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👤 AznanSeyam

SUMMARY

A driven and enthusiastic individual with a passion for software development, programming and problem solving. Eager to learn, contribute and enhance my technical skills in software engineering.

EDUCATION

American International University-Bangladesh

2020 - 2025

Bachelor of Science in Computer Science and Engineering - 3.32

PROJECTS

Bank Management System [↗](#)

- Built a full-stack system using Next.js (frontend) & NestJS (backend).
- Implemented customer account management, transactions, and authentication.
- Used PostgreSQL for secure and efficient database management.
- Developed RESTful APIs for seamless frontend integration.
- Integrated basic authentication & authorization using JWT.

University Administration System [↗](#)

- Backend system developed using the ASP.NET framework.
- Implemented student enrollment, faculty assignment, and course scheduling.
- Used SQL Server for handling academic data.
- Integrated basic authentication & authorization.
- Developed RESTful APIs for seamless frontend integration.

Digital Library Management [↗](#)

- Built using Java with Object-Oriented Programming (OOP) principles.
- Implemented book cataloging, borrowing, and return tracking.
- Used MySQL for efficient storage and retrieval of library records.

Healthcare Management Solution [↗](#)

- Developed using Python.
- Implemented patient record management, appointment scheduling, and billing.
- Used MySQL for data storage and retrieval.

SKILLS

- **Programming Languages:** Java, C#, Python, JavaScript
- **Frontend:** Reactjs, Nextjs
- **Backend:** Nodejs, Nestjs, ASP.NET
- **Database:** PostgreSQL, MongoDB
- **Version Control:** Git, GitHub

CO-CURRICULAR ACTIVITIES

- Demonstrated consistent engagement in competitive programming and problem-solving by participating in all editions of Intra-AIUB Programming Contest.
- Engaged with a broad spectrum of problems on LeetCode, focusing on building expertise in data structures and algorithms.
<https://leetcode.com/u/AznanSeyam>