

Sayad Ibna Azad

CSE Undergraduate Student

Email: sayadibnaazad@iut-dhaka.edu

Mobile: +8801741936901

GitHub: [sayad-dot](#)

LinkedIn: [sayad-ibna-azad](#)



ABOUT ME

I am a final-year student of Computer Science and Engineering at the Islamic University of Technology (IUT), with hands-on experience in backend development (Java and .NET).

I am passionate about AI/ML, particularly Computer Vision (CV).

I enjoy solving problems and learning new technologies. I value collaboration and clear communication, and hope to contribute positively.

TECHNICAL SKILLS

- **Programming Languages:**
 - Python, Java, C++, C, JavaScript, C#
- **Frameworks & Technologies:**
 - ASP.NET Core, Entity Framework, React.js, Node.js
- **AI/ML Frameworks:**
 - TensorFlow, PyTorch, Scikit-learn
 - MediaPipe, Transformers, TabNet
- **Databases:**
 - MySQL, PostgreSQL, MongoDB
- **DevOps & Tools:**
 - Git, Docker, Postman, SignalR

ACHIEVEMENTS

- **Finalist** – ICSC International Computer Science Competition 2025
- **Finalist** – Physics Olympiad 2017
- **Regional 1st** – Science Olympiad 2019
- **Participant** – Math Olympiad 2017, 2018

LEADERSHIP & ACTIVITIES

- **Executive Member** – IUT Computer Society (IUTSC)
- **Communication Secretary** – Notre Dame Science Club (NDSC)
- **Joint Secretary** – Notre Dame Debating Society (NDDS)

EDUCATION

- **B.Sc. in CSE – IUT** 2026
GPA (Last Semester): 3.14 / 4.00
- **HSC – Notre Dame College, Dhaka** 2021
GPA: 5.00 / 5.00
78th in Dhaka Board, General Scholarship
- **SSC – Faridpur Zilla School** 2019
GPA: 5.00 / 5.00
8th in Faridpur District, General Scholarship

EXPERIENCE

.NET Developer Intern – Itransition Sep 2025 - Present

Intern Developer Training Program

Tech: ASP.NET Core, Entity Framework, C#, PostgreSQL

RESEARCH & THESIS

BdSL-SPOTER: A Transformer-Based Framework for Bengali Sign Language Recognition

Accepted at ISVC'25 & published in LNCS.

Novel transformer framework achieving 97.92% Top-1 accuracy.

Tech: PyTorch, Transformers, MediaPipe, CUDA

[GitHub - BdSL SPOTER](#)

TOP PROJECTS

SilentVoiceBD – Real-time BSL Interpreter

Comprehensive gesture-to-text/speech system for real-time Bengali sign language interpretation

Tech: Python, TensorFlow, MediaPipe, Java, JavaScript

[GitHub - SilentVoiceBD](#)

Inventory Management System

Web application for managing custom inventories with real-time discussions, multi-user collaboration, and customizable ID formats

Tech: ASP.NET Core MVC, Entity Framework, PostgreSQL, SignalR

[GitHub - Inventory Management](#)

ASD-Scanner – Autism Detection

ML pipeline using TabNet neural networks for cross-dataset autism spectrum disorder detection

Tech: TabNet, PyTorch, SHAP, Scikit-learn

[GitHub - ASD Scanner](#)