

MD. SABBIR AHMED MUNNA

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Education

United International University

Expected Graduation: Summer 2027

BSc in Computer Science & Engineering — Major: Data Science (AI & ML)

Dhaka, Bangladesh

- Completed 90+ credits toward degree (137 total)
- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Systems, Operating Systems, Computer Networks, Software Engineering, Machine Learning, Artificial Intelligence, Data Mining (ongoing), Microprocessors & Microcontrollers (ongoing)

Work Experience

Softrover

2026 – Present

Founder & Software Engineer

- Founded a software development initiative and led a small team to build web-based solutions and SaaS products.
- Developing **BizURL**, a SaaS platform for structured link management; responsible for product design, system architecture, and full-stack development.
- Led collaboration with developers and contributors while overseeing product direction and feature design.
- Delivered client projects including a premium portfolio website for an architect and a restaurant ordering platform (Burger Vibes).

Projects

RIGH – Real-Time Interaction & Gaming Hub | *Live*

Java, Spring Boot, WebSocket

- Engineered a real-time communication system using WebSockets supporting concurrent multi-user interactions.
- Implemented concurrent user handling using multithreading to ensure real-time message synchronization..
- Integrated multiplayer games (Ludo, Tic-Tac-Toe) within a unified communication system.

LinkUIU – Alumni Networking Platform | *Live*

Node.js, Next.js, PostgreSQL

- Engineered a full-stack networking platform enabling students and alumni to connect and share opportunities.
- Migrated backend from PHP to Node.js and modernized frontend using Next.js.
- Implemented authentication, profile systems, and dynamic resume generation.

ANIMO – Pet Care & Social Platform | *Live*

PHP, MySQL, JavaScript

- Built a full-stack platform for pet adoption, vet booking, and community interaction.
- Implemented forums, galleries, and subscription-based premium features.
- **Achieved 4th Place** at UIU CSE Project Show (DBMS Category).

KHELBO – Esports Platform (MVP) | *Live*

JavaScript, HTML, CSS

- Developed a responsive esports platform prototype with analytics dashboards and KPI tracking.
- Designed features including leaderboard, tournament system, and performance tracking.
- **Semi-finalist** at the **Undergrad Startup Challenge (National-Level)**, hosted by BRAC University.

Leadership

UIU Robotics Club

2024 – Present

Senior Executive, R&D

- Contributed to robotics and IoT-based projects involving sensors and microcontroller systems.
- Collaborated on research, prototyping, and system development.
- Participated in technical problem-solving related to embedded systems and automation.

Technical Skills

Languages: Python, JavaScript, Java, C/C++

Backend: Node.js, Express, Spring Boot (ongoing), REST APIs

Frontend: HTML, CSS, Tailwind CSS, Next.js (React)

Database: MySQL, PostgreSQL (basic)

ML/Data: Data Preprocessing, Basic Machine Learning

Tools: Git, GitHub