

Supprio Saha Pranto

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SUMMARY

I am a Computer Science undergraduate with strong foundations in C#, ASP.NET, JavaScript, and SQL Server. Skilled in building web applications and APIs through academic projects and active participation in workshops and coding sessions. Passionate about full-stack development, AI, Machine Learning, NLP, and Computer Vision, with hands-on experience in collaborative projects. Interested in applying technical skills to real-world software and AI-driven solutions while continuing to learn and grow professionally.

PROJECTS

News Aggregator (ASP.NET, SQL Server Management) , 2025	GitHub Link
A web-based news aggregation system built with ASP.NET Web API and Entity Framework. It organizes news articles from multiple sources stored in database, allowing users to filter by date, category, or popularity. The system also includes news approval hierarchy, recommendation features, latest and popular news ranking, and publish frequency analysis for insights into publishing trends.	
Uni Companion (C#, SQL Server Management) , 2024	GitHub Link
Developed a c# application connecting Students, Flat Owners, and Recruiters. Features include schedule matching for students, automated job notifications, accommodation and furniture listings, mess vacancy advertisements, and a streamlined recruitment system. The platform enhances connectivity and convenience through an intuitive, user-friendly interface	
Travel Management System (JAVA, Text File) , 2023	GitHub Link
This is a Travel Management System built with a focus on clean object-oriented programming (OOP) principles with Java, user-friendly features, and efficient data handling using text files. It's designed to simulate a real-world travel agency platform where users can explore, manage, and purchase travel packages while admins can oversee the entire system including hotel and transport management.	
Air Quality Index (HTML, CSS, JS, MySQL) , 2025	GitHub Link
AQI Checker – Developed a PHP/MySQL web app to monitor real-time Air Quality Index for multiple cities. Features include user authentication, city selection, live AQI display, and a clean, user-friendly interface. Implemented frontend with HTML/CSS/JavaScript and backend database handling with MySql.	
Portfolio Website (HTML, CSS, JS) , 2025	GitHub Link
Build a portfolio website to showcase all my projects and achievements using HTML, CSS and JS. Implemented smooth animations, interactive UI. Optimized structure and design for faster loading, accessibility, and clean presentation.	

SKILLS

Programming Languages	C++, C#, JavaScript, Python, Java, PHP, R
Frameworks & Tools	ASP.NET, Entity Framework, GitHub
Databases	SQL Server, MySQL
Core Concepts	OOP, RESTful APIs, MVC, Agile Basics, NLP, ML, Data Science
Soft Skills	Team Collaboration, Communication, Adaptability, Work Ethic

CERTIFICATIONS

2025	Supervised Machine Learning: Regression and Classification, DeepLearning.AI, Corsera
2022	IT Essentials: PC Hardware and Software, Cisco Networking Academy

EDUCATION

2022 – present	Bachelor's Degree in Computer Science and Engineering, American International University-Bangladesh, Dhaka	(GPA: 3.96/4.0)
2021	Higher Secondary Certificate, Government Akbar Ali College, Ullapara	(5.0/5.0)
2019	Secondary School Certificate, Momena Ali Biggan School, Ullapara	(5.0/5.0)

EXTRACURRICULAR ACTIVITIES

2025 – present	Researcher, AIUB Research and Development Club, Dhaka <ul style="list-style-type: none">Conducting research on ML, Deep Learning, NLP and vision models.Collaborating with team members to facilitate workshops, seminars, and outreach events.
2025	Participant, 3 Minute Thesis (3MT) Bangladesh 2025, Dhaka <ul style="list-style-type: none">Submitted a research idea on deep learning based models for Bangladesh news bias classification.Designed poster and flowcharts.
2025	Participant, International Computer Science Competition, Dhaka <ul style="list-style-type: none">Competed in algorithmic problem-solving and coding challenges.
2018 – 2021	Fundraiser and Distributor, Alor Sporsho, Ullapara <ul style="list-style-type: none">Raised funds and distributed food, clothes, and educational materials to underprivileged children and poor communities.
2012 – 2021	Singer, Ullapara Shilpakala Academy, Ullapara <ul style="list-style-type: none">Performed in cultural programs in local and regional events.Participated in stage performances organized by the academy.
2018 – 2021	Singer and Guitarist, Spondhon, Ullapara <ul style="list-style-type: none">Performed in social programs promoting cultural engagement.Represented the academy in Upazila and District events and competitions.

PUBLICATIONS

2025	M. Tofiqul Islam, H. Mahmud Shanto, S. Saha Pranto, Tohedul Islam, “Transformer-based Framework for Multilevel Bias Identification in Bangladeshi News Media” — Submitted to <i>IEEE Access</i> .
2025	M. Tofiqul Islam, H. Mahmud Shanto, S. Saha Pranto, Dr. M. Saef Ullah Miah, “Quantifying the Impact of Injuries on Football Player Market Value Drop: A Machine Learning and Explainability Study” — Submitted to <i>IEEE 28th International Conference on Computer and Information Technology (ICCIT 2025)</i> .

AWARDS

2023–2025	Dean's List Honors (3 semesters), American International University-Bangladesh
2017	First in Folk and Nazrul Sangeet, Ullapara Shilpkala Academy, Ullapara
2017	Second in Folk, Bangladesh Shishu Academy, Sirajganj

LANGUAGES

Bengali	Native proficiency
English	Professional working proficiency
Hindi	Speaking and listening proficiency only