

Shafin Mahmood

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Shafin-Mahmood Portfolio Shafin-Mahmood Shafin Mahmood

Career Objective

Full-stack developer with strong expertise in HTML, CSS, JavaScript, React, and Node.js, complemented by solid knowledge of database design and management. Passionate about software engineering and AI, with a proven ability to build scalable solutions and continuously learn emerging technologies. Demonstrates strong leadership, teamwork, and problem-solving skills, aiming to contribute to innovative, real-world projects in AI and modern software development.

Experience

Intern – Software Application Development

Bashundhara Group

- Contributed to the development of the Golf City website using HTML, CSS, JavaScript, and PHP.
- Assisted in API integration, database operations, and debugging production-level systems and Collaborated with team members to ensure code quality, performance, and scalability.

Machine Learning Research Intern

DataKothon Research Lab

- Built and evaluated machine learning models using Python and NLP techniques.
- Performed data preprocessing, feature engineering, and performance analysis.

Projects

Tropic – E-commerce Platform (.NET, C#, SQL Server)

- Developed a full-stack web application using ASP.NET MVC and Entity Framework.
- Implemented product management, order processing, and database integration.
- Designed scalable backend architecture following MVC principles.

Library Management System (PHP, MySQL, JavaScript , HTML , CSS)

- Built a CRUD-based web application with authentication and database management.
- Designed dynamic frontend with efficient backend logic.

SkillScan – NLP Resume Screening Tool (Python)

- Developed an automated resume screening system using NLP techniques.
- Implemented feature extraction and classification for candidate ranking.

WordBotu – Language Translation App (Flutter)

- Developed a cross-platform mobile application for multilingual translation.

Technical Skills

Backend: ASP.NET, ASP.NET MVC, Web API, Entity Framework, Node.js

Frontend: HTML, CSS, Tailwind, JavaScript, jQuery, AJAX, React

Database: MySQL, SQL Server, MongoDB, PostgreSQL

Languages: Python, C#, JavaScript, C++

Concepts: OOP, MVC, REST API, Clean Code, Debugging, SDLC

Publications

Variations in Multi-Agent Actor–Critic Frameworks for Joint Optimizations in UAV Swarm Networks: Recent Evolution, Challenges, and Directions

Drones (MDPI), 2025 — Q1 Journal

DOI: [10.3390/drones9020153](https://doi.org/10.3390/drones9020153)

Energy Regularized Bidirectional Recurrent Attention Networks with Contrastive Confidence Modeling for Lightweight and Explainable Sentiment Classification

IEEE ICECTE, 2026

DOI: [10.1109/ICECTE69292.2026.11429196](https://doi.org/10.1109/ICECTE69292.2026.11429196)

A Dual-Recurrent Attention Architecture for High Recall Sentiment Analysis in Noisy Twitter Texts

IEEE ICECTE, 2026

DOI: [10.1109/ICECTE69292.2026.11429206](https://doi.org/10.1109/ICECTE69292.2026.11429206)

Hybrid Deep Learning Framework for Accurate Detection of Biased News to Promote Trustworthy Information

ICIS 2025 — Accepted

DOI: Pending

Education

B.Sc. in Computer Science and Engineering

American International University-Bangladesh (AIUB)

Year - March 2022 - April 2026

Cgpa - 3.31

Higher Secondary Certificate (H.S.C.)

Bir Shrestha Munshi Abdur Rauf Public School and College

Passing year : 2020

GPA: 5.00

Secondary School Certificate (S.S.C.)

BCSIR High School and College

Passing Year : 2018

GPA: 5.00

Certifications

- .NET Full Stack Foundation — IBM
- Fundamentals of Generative AI — Microsoft
- Complete AI & Machine Learning Bootcamp — Udemy
- Complete Web Development Course — Udemy