

Abrar Hossain Zahin

Aspiring AI and ML Engineer

B.Sc. in CSE at EWU



ABOUT ME

Passionate AI/ML Engineer and researcher pursuing B.Sc. in Computer Science & Engineering at East West University, Dhaka. Specialized in Deep Learning, Computer Vision, NLP, Explainable AI, and Green Computing.

Featured Projects

- [ElderCare SuperApp](#)
- [Green Browsing Tracker](#)
- [Blood Donation Management](#)
- [Job Portal](#) and [others](#)

SKILLS

- | | | |
|-------------------|------------------------|-----|
| • MS PowerPoint | <div><div></div></div> | 90% |
| • AI / ML / DL | <div><div></div></div> | 85% |
| • Data Analysis | <div><div></div></div> | 80% |
| • Web Development | <div><div></div></div> | 90% |
| • Research | <div><div></div></div> | 85% |

CONTACT ME



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[LinkedIn](#) [GitHub](#) [Leetcode](#) [Portfolio](#)

[Kaggle](#) [ResearchGate](#) [Codeforces](#) [Scholar](#)

Career Objective

Motivated and detail-oriented Computer Science and Engineering student at East West University (6/2022–8/2026) with a strong interest in data analysis, programming, and problem-solving. Passionate about leveraging analytical and technical skills to extract insights from data and contribute to innovative projects in technology and analytics.

Education

Summer 2022 – Summer 2026

East West University

CGPA 3:76

Why I am The Right Choice

Active AI-ML Researcher, Hands-On Project Builder, Strong Academic Record, Broad Expertise Communicator, Committed to Impact

Research

1. TumorXAI: Self-Supervised Deep Learning for Explainable Brain MRI Tumor Classification.
2. GreenNet: Closed-Form Efficiency Guarantees and an Axiomatic Green Score for Ultra-Lightweight Edge AI.
3. SADAP: Optimizing Hybrid Padding Strategies in Post-Quantum TLS to Mitigate Handshake Fingerprinting and Privacy-Bandwidth Trade-offs
4. SentiVec: Sentiment-Aware Vector-Based Movie Review Retrieval System with Four-Way Cross-Dataset Validation
5. Date Palm Tree Monitoring via Self-Supervised BYOL-Driven YOLOv12s
6. Calibrated Parameter-Efficient Multimodal Speech-Text Fusion for Bengali Regional Dialect and Standard Colloquial Bengali Classification