

Abid Mahmood Tahsin

Educational Technology Engineer

Profile

Third-Year BSC Engineering Student with 4 years of teaching experience. I combine top level algorithmic and coding skills with a keen interest in AI and automation for system efficiency. My focus is on designing and building robust mobile and web applications that solve real world educational challenges and improve student success.

Technical Skills

Core Engineering	C, C++, Python, Java	Foundation for Competitive Programming and system design.
App Development	Dart, Flutter	Cross-platform (iOS/Android) development.
Data & Systems	Database (SQL/NoSQL)	Data modeling, querying, and managing scalable content.
Specialized Interest	Gaming, AI Automation	Designing gamified learning loops and interactivity. Exploring ML applications for personalized learning paths and automating repetitive tasks.

Soft Skills

Pedagogical Leadership	Four years of experience translating complex C/C++ algorithms and advanced technical subjects.
Adaptability & Mentorship	Ability to quickly diagnose student knowledge gaps and adjust instructional methods or content.
Cross-Functional Communication	Experienced in serving as a bridge between technical requirements and non-technical stakeholders ensuring solutions meet user needs.
User-Centric Feedback Systems	Proficient in designing and implementing assessment and feedback loops that are constructive, quantifiable, and focused on optimizing learning outcomes.

Professional Experience

ICPC Competition	Achieved top 10% finish in national competition applying C++ data structures and algorithm to solve complex problems.
Math and Science Olympiad	Secured top 10 rank in regional and national Olympiad validating deep analytical and problem-solving skill.
National Debate Competition	Participated in NDC 2017-2020 which demonstrates structured communication and quick critical thinking.
Teaching Experience	Managed 4 years of continuous teaching focused on high level subjects for SSC and HSC students.

Education

2023-Present	Bachelors of Science in Educational Technology and Engineering, University Of Frontier Technology, Bangladesh, maintaining an average of CGPA 3.5.
2020-2022	Passed A-Level from Jahangirnagar University School and College With GPA-5
2018-2020	Passed O-Level from Jahangirnagar University School and College With GPA-5 and a Scholarship

Contact

☎ 01631229215

✉ mahmoodabid660@gmail.com

💻 <https://github.com/Renabid>

🔗 [linkedin.com/in/Renabid](https://www.linkedin.com/in/Renabid)

References

MD. Jahid Alam

Assistant Professor of Educational Technology and Engineering

University of Frontier Technology, Bangladesh

✉ jahidalam456@gmail.com