MD. TOUFIQ IMROZ KHEALID KHAN

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https://github.com/Toufiq-7700

EDUCATION

United International University   *2023–2027(expected)*
Bachelor of Science (BSc) in Computer Science and Engineering.
CGPA : 3.66 (7th-Trimester)

PROFILE

I am Toufiq, a passionate learner exploring the world of Artificial Intelligence and Machine Learning. I enjoy solving problems through coding, understanding how technology can make everyday life smarter, and maintaining a good rating and streak on LeetCode and Codeforces. I continuously improve my skills by practicing algorithms, data structures, and building real-world projects. My goal is to develop intelligent and efficient solutions that combine creativity, logic, and meaningful impact.

PROJECTS

Island Counter — BFS/DFS (C++)
- Developed a C++ Island Counter tool using BFS and DFS to detect connected land masses in 2D grids.
- Demonstrates strong understanding of graph traversal, connected components, and core DSA concepts.

DSA Text Editor (C++)
- Built an interactive text editor with stack-based undo/redo functionalities.
- Highlights practical application of data structures in real-world text editing operations.

Java Swing Calculator
- Created a Java Swing calculator with a clean, interactive GUI for basic arithmetic operations.
- Demonstrates knowledge of event-driven programming and Java GUI development.

EduTrack — Student Management System (C)
- Developed a student management system supporting record creation, search, update, and deletion.

Machine Learning Mini-Projects (Python, NumPy)
- Implemented small ML projects including flat price prediction and cancer prediction.
- Practiced dataset preprocessing, model development, and performance evaluation.

TECHNICAL SKILLS

Programming Languages: C++, C, Java, Python

Python Libraries: NumPy, Pandas, scikit-learn

Web Database: HTML, CSS, MySQL

Key Strength: Problem Solving and Data Structure Algorithm Implementation

ACADEMIC ACHIEVEMENTS

Secured 7th position in the Book Reading Competition on National Library Day among 300+ participants.

Secured 25th position in Coders Combat, a programming contest with 100+ participants.

Participated in multiple university-level programming contests, achieving good rankings.