

TAHSIM AKRAM

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Education

Haldia Institute of Technology, B.Tech in Information Technology

Oct 2022 – June 2026

- CGPA: 7.4
- **Coursework:** Database Management System, Operating System , Computer Networks, Object Oriented Programming

Projects

Searching And Sorting Visualiser

- Developed an interactive searching and sorting visualizer using HTML, CSS, and JavaScript, allowing users to visualize and understand Sorting and Searching algorithms through dynamic animations and real-time data representation.
- Implemented a responsive user interface that enhances user engagement, enabling users to select different algorithms .
- Tools Used: HTML,CSS,Javascript

Car Rental System

- Developed a feature-rich Car Rental System using Java OOP principles , implementing functionalities like car inventory management, customer registration, and rental operations with dynamic pricing and real-time availability checks.
- Tools Used: Java , OOPs

Currency-Converter

- The Currency Converter App is a simple and efficient web application designed to provide real-time currency exchange rates
- The app utilizes an external API to fetch live exchange rates, ensuring accurate and up-to-date conversions.
- Tools Used: HTML , CSS , Javascript

Rock-Paper-Scissor

- A simple and interactive Rock Paper Scissor game built using HTML, CSS, and JavaScript
- This project showcases fundamental frontend development skills, including DOM manipulation, event handling, and responsive design.
- Tools Used: HTML,CSS,Javascript

Technologies

Languages:C++ , Java,C, HTML, JavaScript,Python

Technologies: React, CSS,Git, VSCode,SQL

Achievements

Completed over 250 problems on Leetcode and GFG ,

Sep 2024 - April 2025

- Demonstrated consistent problem-solving ability across **multiple data structures and algorithms**
- Gained proficiency in **code optimization and reducing time/space complexity.**
- Focused on **interview-relevant problems**, preparing actively for technical interviews at top companies.