

Mahir Labib Dihan

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EDUCATION

- **Bangladesh University of Engineering and Technology** Feb. 2020 – Ongoing
Bachelor of Science in Computer Science and Engineering 3.96/4.00

WORK EXPERIENCE

- **Brainlytic** Nov 2022 - Aug 2023
Fullstack Developer
 - Implemented Realtime Contest, Progress Tracking and Unsolved Problems Tracking feature. Also did some bug fixing and code refactoring.
 - Worked on the backend, frontend, and database. Used React JS for the frontend, Node and Express JS for the backend, and Postgres as the database.
- **Fiverr** Feb 2021 - Jul 2021
Freelancer
 - Promoted to Level 1 Seller within 2 months.
 - Worked on 30+ OpenGL Projects. Mostly 2D games and simulations.
 - Also worked on some C++, Java and Python projects.

PROBLEM SOLVING

Solved around **1300** problems on platforms like [Codeforces](#) (1000+), [LeetCode](#), [CodeChef](#), [HackerRank](#), [HackerEarth](#), [AtCoder](#), [CSES](#) etc., and currently progressing through [LeetCode 150](#) | [StopStalk](#).

PROJECTS

- **BUET Smriti Hall Mess Meal App:** Currently working on this project.
Skills: ReactJS, NodeJS, ExpressJS, Tailwind CSS, PostgreSQL
- **Interactive CS Learning Platform:** In this platform users can solve CS problems using our interactive canvases without any coding. | [Youtube](#) | [Github](#) | [Live Site](#)
Skills: ReactJS, NodeJS, ExpressJS, Tailwind, Sequelize ORM, Postgres, Docker, Github Actions, CI/CD
- **Tution and Coaching management system:** An ed-tech platform where tutors, students and coaching centers get connected to each other. | [Youtube](#) | [Github](#)
Skills: React.js, Node.js, Express.js, Material UI, Bootstrap UI, Oracle DB, Git
- **Football Player Database System:** A desktop app made with JavaFX as part of 1-2 Term project. | [Youtube](#) | [Github](#)
Skills: JavaFX, JFoenix, Socket Programming, Scene Builder
- **DxBall:** A desktop game made with OpenGL. | [Youtube](#) | [Github](#)
Skills: OpenGL 4.5, GLFW, GLEW, irrKlang, GLM, SoIL2, FreeType
- **Android Calculator App:** A calculator app which can also be used as a Dialer, Messenger, Timer, Stop watch, Alarm clock etc. | [Youtube](#) | [Github](#)
Skills: Android Studio, Java

ACHIEVEMENTS

- **Champion** | BUET Intra University Programming Contest 2023
- **2nd Runner Up** | BUET GameJam 2023

SKILLS

- **Languages:** C, C++, Javascript, Java, Python, SQL, Bash
- **Frontend:** React.js, Next.js, Material UI, Tailwind CSS, Bootstrap UI
- **Backend:** Node.js, Express.js, REST API, Postman
- **Database:** Postgres, ORM, Firebase, Oracle DB, PL/SQL
- **DevOps:** Docker, Github Actions, CI/CD, AWS