

## EDUCATION

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- **Bangladesh University of Engineering and Technology** Feb. 2020 – Dec. 2024  
*Bachelor of Science in Computer Science and Engineering* 3.96/4.00
- **Notredame College Dhaka** Jul. 2017 – March. 2019  
*Higher Secondary* 5.00/5.00
- **Cumilla Zilla School** Jan. 2012 – Jan. 2017  
*Secondary School* 5.00/5.00

## EXPERIENCE

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- **Brainlytic** Nov 2022 - Aug 2023  
*Fullstack Developer*
  - Implemented Test, Progress Tracking and Unsolved Problems 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 PostgreSQL for 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.

## PROJECTS

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- **Interactive CS Learning Platform:** 3-2 and 4-1 Term project. In this platform users can solve CS problems using our interactive canvases without any coding.  
**Skills:** React.js, Node.js, Express.js, Tailwind CSS, Sequelize ORM, PostgreSQL, Docker, Github Actions, CI/CD  
**Demo:** <https://youtube.com/playlist?list=PLJrKTL3IoxQkCJpkynAzqOp3Fb4WUohho>
- **Tuition and Coaching management system:** 2-2 Term Project. An ed-tech platform where tutors, students and coaching centers get connected to each other.  
**Skills:** React.js, Node.js, Express.js, Material UI, Bootstrap UI, Oracle DB, Git  
**Demo:** <https://youtu.be/CpvlSI-OA48>
- **Football Player Database System:** 1-2 Term Project.  
**Skills:** JavaFX, JFoenix, Socket Programming, Scene Builder  
**Demo:** <https://youtu.be/8O4gWr4d4DU>
- **DxBall Desktop Game:** 1-1 Term project.  
**Skills:** OpenGL 4.5, GLFW, GLEW, irrKlang, GLM, Soil2, Freetype  
**Demo:** <https://youtu.be/J9kCPZOhV7A>
- **Android Calculator App:** A calculator app which can be used as a Dialer, Messenger, Timer, Stop watch, Alarm clock.  
**Skills:** Android Studio, Java  
**Demo:** <https://youtu.be/iA0gdhsoxGk>

## SKILLS

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

## CONNECT WITH ME

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- **LinkedIn:** Mahir Labib Dihan