

Rafidul Islam

Software Engineer

Contact



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Portfolio

rofe-dl.github.io



github.com/rofe-dl



linkedin.com/in/rofdl

About Me

A programmer looking forward to working with people and learning new technologies to create products that will help people.

Education

BSc. in Computer Science

BRAC University

January 2019 - May 2022

CGPA: 3.92 / 4.00

A Levels (CIE)

Sunnydale School

3 As

O Levels (CIE)

Sunnydale School

4 A*s, 3 As

Soft Skills

- Organized
- Punctual
- Communicative
- Team Player

Experience

JUNIOR BACKEND ENGINEER

at *Airwrk*

August 2022 - Present

- Designed and implemented the core REST API in ExpressJS & TypeScript
- Transitioned proof-of-concept to production-level applications
- Documented endpoints following the OpenAPI specification utilizing Swagger libraries
- Implemented SMS and email verification for user accounts incorporating secure generation, storage and brute force protection
- Designed and wrote thorough unit and integration tests for API endpoints
- Integrated OpenAI API features to auto-generate description bodies using AI
- Developed a resume parser from scratch to extract applicants' information

STUDENT TUTOR

at *BRAC University*

June 2021 - January 2022

- Worked as a student tutor of CS at BRAC University for Summer and Fall of 2021 to assist over 60 students with their coursework
- Graded course assignments submitted by students

PROGRAMMING CONTEST

at *BRAC University*

October 2019

- Secured the 1st runner up position at BRACU Intra University Programming Contest (Fall 2019) as a team of 3 to solve programming problems

Projects

EduOnline

A platform for teachers to host MCQ based exams and publish them for students to submit within an allotted time, facilitated by an automatic grading system and report card generation.

Anitrack

Website to view information about different anime retrieved from a third party REST API and add them to a watch list. Includes a caching system that stores responses in a Redis server to prevent repeated API calls.

Genetic Algorithm Path Finder

Implemented a modified genetic algorithm that finds a path from source to destination while avoiding obstacles that improves speed of the algorithm by preventing formation of lethal chromosomes.

Skills

Programming Languages

Java, Python, JavaScript/NodeJS, TypeScript, HTML/CSS

Frameworks

Django, Express, jQuery, Bootstrap, Jest, Maven, JavaFX, Mongoose.js, Discord.js

Tools

Git, Linux OS, Docker, MySQL/MariaDB, MongoDB, Redis