

# Mahfuz Rahman Nirob

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## CAREER OBJECTIVE

As a Junior MERN Stack Developer, I am eager to contribute to the development of efficient, scalable, and user-focused web applications. Eager to apply full-stack skills in real-world projects, collaborate with a forward-thinking team, and continuously grow by embracing new technologies and development challenges.

## SKILLS

### PROGRAMMING

- **Languages:** C/C++ • JavaScript • TypeScript • Python.
- **Web Technologies:** Node.js, Express.js, React.js, HTML5, CSS3, Tailwind CSS.
- **Database :** MongoDB .
- **Build Tools:** Git, GitHub, VS Code, Postman, Vercel, Netlify.
- **Soft Skills** Enthusiastic, Collaboration, Problem Solving, Analytical Thinking, Adaptability.
- **Core Competencies:** Data Structures and Algorithms, Object-Oriented Programming, Software Architecture Design, Microservices .

## PROJECTS

### AGENCY.AI | REACTJS, JAVASCRIPT (ES6+), TAILWIND CSS

- Agency.AI-Landing-Page A modern, animated, and responsive AI Agency Landing Page built with React (Vite), Tailwind CSS, and Framer Motion.
- This project demonstrates a sleek UI with smooth animations, optimized performance, and a developer-friendly setup.

### SORTING-VISUALIZER | REACTJS, JAVASCRIPT (ES6+), TAILWIND CSS

- Built with React and Vite. Watch 5 Sorting Algorithms: Bubble Sort, Selection Sort, Insertion Sort, Merge Sort, Quick Sort.
- Algorithm Info: See time and space complexity for each algorithm.
- Pause/Resume: Control the visualization anytime. Adjustable Speed: Control animation speed (1x to 10x). Array Size Control: Visualize arrays from 5 to 100 elements.

### EFFISENSEAI | REACTJS, JAVASCRIPT (ES6+), TAILWIND CSS

- Developed a modern task management web application using React.js, Tailwind CSS, and Framer Motion with a component-based architecture for scalability and maintainability.
- Designed an AI-inspired task prioritization concept to support smart workflow management.
- Applied clean UI/UX principles to enhance user interaction and task visibility.

## EDUCATION

### DAFFODIL INTERNATIONAL UNIVERSITY

BSC IN SOFTWARE ENGINEERING  
January 2022 - December 2025 |  
Dhaka, BD

## COMPETITIVE PROGRAMMING

- Codeforces: **mdmahfuz307**
- Leetcode: **mdmahfuz307**
- CodeChef: **codernirob307**
- Overall **950+ Problems solved** and participated in **more than 30+ Programming Contests** on different Online Judges.

## ACHIEVEMENT

Secured **Rank 70** on **CodeChef** February Cook-Off 2023 out of 20,000+ participants.  
Solved **350+ Problems** on Data Structure Algorithms on **LeetCode**.  
Solved **950+ Problems** on Data Structure Algorithms on **Codeforces** with **Max Rating of 927**

## COURSEWORK

### UNDERGRADUATE

Software Engineering  
Algorithms and Data Structures  
Object-Oriented Programming  
Artificial Intelligence  
Discrete Mathematics  
Project Management  
Numerical Analysis  
Operating Systems  
Machine Learning  
Software Testing

## TRAINING

**JavaScript :** The Hard Parts Deep  
JavaScript Foundations  
Introduction to Git and GitHub  
Complete Node Developer

## LANGUAGES

**Working proficiency :** English  
**Native proficiency :** Bangla