Sagar Hasan

MERN Stack Developer | Problem Solver

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Summary

As a competitive programmer with experience of over 3 years of problem- solving, I have constantly grown up with critical thinking, mathematics, data structure & algorithmic implementations, Which are very much supportive to the key objectives of the company. Seeking to leverage my knowledge and experience in a role in the field of computer science & software engineering.

Skills

Languages: JavaScript, Python, (Went-Through: Java (OOP), C/C++, PHP)

FrontEnd: React.js, HTML, CSS

BackEnd: Node.js, MongoDB, SQL, Firebase

Tools: Git, Github, VS Code Env

Problem Solving (Python & C++):

- Leetcode 800+
- Codeforces & HackerRank & URI 300+
- Project Euler & Others 200+

Interests: AI tools for Web, Open-source projects, Code Optimization, Team Collaboration

Experience

Projects

Algorithms and Data Structures Visualization
I've pioneered a unique visualization method to aid educators in teaching computer science principles like algorithms and data structures, providing students with an engaging pathway to grasp these essential concepts.

Weather App using React
I used the OpenWeatherMap API to collect weather data for a project, creating an intuitive user interface with dynamic backgrounds reflecting current weather conditions.

Chat APP using React
I used Firebase for data storage and achieved my goal of learning React while gaining valuable experience in advanced techniques during the project.

Snake Bite Game Using Java
I've created a basic Java Snake Bite game, embodying my creative ideas.

CodeChat using Python Tkinter
Developed a socket-based project for data transfer.

Education

Bachelor of Science: Computer Science Engineering
Daffodil International University - Daffodil Smart City (DSC), Dirulia, Savar, Dhaka
2020-01 - 2023-05

HSC: Uttara High School & College
1230 Dhaka, Bangladesh
2016-2018