

Zhalok Rahman

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"In the name of Allah, The Most Gracious and The Most Merciful"

Love to solve problems and face new challenges
Hardworking, Perseverant, Collaborative

Skills:

C++(Proficient) Data Structures Algorithms Java JavaScript React Node MongoDB Firebase
Python Scratch NEXT PostgreSQL

Experience

- **CodexPro** codexpro.eu Sep 2021 to Present
Mentor Berlin, Germany
Teaching how to code with scratch programming language
 - My scratch profile: <https://scratch.mit.edu/users/zhalok>
- **Leetcode, Codeforces, Virtual Judge** Jan 2019 to Present
Contest Participant, Problem Solver
Solved (1000+) problems in different online judges on various topics like Bruteforce, Number Theory, Greedy, Dynamic Programming, BFS, DFS, Graph, Tree, Segment Tree, etc.
My Handles:
 - <https://codeforces.com/profile/vegeta46>
 - <https://codeforces.com/profile/joker420>
 - <https://vjudge.net/user/2018331046>
 - <https://leetcode.com/zhalok>
- **HACK NSU Season 3, ACM student chapter, NSU** Nov 2021 to Nov 2021
Participant North South University, Dhaka
We made a prototype, system architecture of our solution and implemented a small portion of it
- **Sohopathi** sohopathi.io Nov 2020 to Oct 2021
Mentor Dhaka
Teaching basic topics of computer science like
Digital logic, Web Fundamentals (HTML, CSS), Programming (C language), Database Management System at very basic level
- **ICPC Regional Preliminary 2019** Sep 2019 to Sep 2019
Participant

Education

- **Shahjalal University of Science and Technology** sust.edu Jan 2019 to Dec 2024
Bachelors of Science, Computer Science

Projects

Note-hub

 notehub-font-end.web.app  github.com/zhalok/Note-hub

This project is a web application through which seniors can share their academic resources of their semesters so that the junior students don't face difficulties

React, Express, Node, Mongo DB


Up-time Monitoring API

 github.com/zhalok/Raw-NodeJS-practice-project-1-

Uptime Monitoring API using core Node JS modules

JavaScript, Node

Assignment Management

 github.com/zhalok/terminal-based-java-application

This is a simple terminal based java application which I did as a paid work for a foreign client

Java

googleapi-practice

 github.com/zhalok/googleapi-practice

I implemented google sheets API for making making some smart automatons with my sheets


EJS, JavaScript, HTML

File-Explorer

 github.com/zhalok/File-Explorer

Java

Smart-Course-Management-System

 It has not been deployed yet  github.com/zhalok/Smart-Course-Management-System

A web application project for online classes and course management

SQL, JavaScript, Next.JS, PostgreSQL

Awards

Best Mentor Sohopathi

Oct 2021

I had been featured as one of the best mentors of "Sohopathi" which is one of the largest E-learning platforms in Bangladesh for several times

LinkedIn Assessment Badge LinkedIn

I was awarded an assessment badge on C++ by LinkedIn

Interests

Problem Solving

Algorithms

Machine Learning

Mentorship

Data Structure

Back-end Development