

Yasir Rahman

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Portfolio Website: <https://yasirrahman.vercel.app/>

EDUCATION

Chittagong University of Engineering and Technology
Bachelor of Science (BSc) in Computer Science and Engineering

2020-2024

SKILLS AND INTERESTS

- Languages: C, C++, Python, JavaScript
- Frameworks: React, Node, Express, Next
- Databases: MongoDB, MySQL
- Cloud: AWS
- Soft Skills: Problem Solving, Teamwork, Communication
- Coursework: Data Structures, Algorithms
- Areas of Interest: Competitive Programming, Natural Language Processing

COMPETITIVE PROGRAMMING EXPERIENCE

- ICPC Asia Dhaka Regional Contest 2022-23 Rank 42nd (Team: CUET_Infinite_Tsukuyomi)
- ICPC Asia Dhaka Regional Contest 2021-22 Rank 48th (Team: CUET_AugniPaksha)
- EDU Engineering Day Programming Contest Rank 1st (Team: CUET_AugniPaksha)
- BUET Inter University Programming Contest Rank 43rd (Team: CUET_AugniPaksha)
- Sylhet Inter University Junior Contest Rank 12th (Team: CUET_AugniPaksha)
- CUET CSE FEST IUPC Rank 10th (Team: CUET_AugniPaksha)
- CUET Intra Junior Programming Contest Rank 3rd (Team: Individual)

TEACHING & VOLUNTEERING EXPERIENCE

- Instructed over hundreds of students in the Competitive Programming Bootcamp Stage 0.0 and 1.0 hosted by CUET Computer Club at CUET.
- Conducted online sessions covering various topics for CUET students; find recordings on **YouTube**.
- Taught physics to several students at Paradox Physics School for the Physics Olympiad.
- Served as an examiner for the Chittagong Regional Physics Olympiad in 2023 and 2022.

PROJECTS

Blog Admin Panel (blog.breakbyte.com)

MERN Stack , Shadecn UI

- Implemented Multitenant architecture for scalability and flexibility.
- Integrated tokenization for secure authentication.
- Utilized Tiptap editor for advanced blog content editing.
- Deployed on **AWS**. Used EC2 instance for hosting the backend and frontend. Configured nginx as a reverse proxy for efficient routing. Utilized pm2 as a process manager for enhanced stability.

Tuition Media Internal System

MERN Stack with React-Redux Toolkit, Material UI

- Led the development of an internal system for managing tuition media.
- Implemented advanced server side search filter and pagination and also implemented some business analytics
- Utilized React-Redux Toolkit for efficient state management and Material UI for a user-friendly interface.