

Shariful Islam

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EDUCATION

Chittagong University of Engineering and Technology **Chittagong, Bangladesh**
Bachelor of Science in Computer Science & Engineering (Cgpa: 3.50) 2019 - 2024
Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Object-Oriented Programming, Database Management Systems, Software Engineering, Software Architecture

EXPERIENCE

React Native Developer **Tork, Remote**
February 2023 - October 2023

- Contributed to an existing mobile application for a doctor's portal, improving user experience for medical appointment management.
- Debugged bugs and refactored code based on client requirements, enhancing app performance and readability.
- Collaborated closely with backend developers to integrate APIs and ensure seamless data flow within the app.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python, C, C++
- **Frontend Development:** HTML, CSS, Tailwind, React, React Native, Redux
- **Backend Development:** Node.js, Express.js, API integration
- **Database Management:** PostgreSQL, Prisma, MongoDB, Mongoose, Schema design
- **Version Control:** Git, GitHub

ONLINE JUDGE PROFILES

I have solved a total of 1000+ problems on Codeforces.

- [Codeforces: u1804011](#) (Max Rating: 1375) - 729 problems solved
- [Codeforces: Sharif_11](#) (Max Rating: 1389) - 307 problems solved

PROJECTS

- **Automated Class Test Evaluation System for CUET** [Teacher Panel](#) — [Backend](#)
Technologies: React, Redux, Node.js, PostgreSQL, Prisma
 - Developed dashboards for teachers to automate and streamline class test evaluations.
 - Built tools for department heads to manage courses, instructors, and students.
- **Online Contest Platform for Competitive Programmer** [Live Link](#) — [Frontend](#) — [Backend](#)
Technologies: React, Node.js, Express.js, MongoDB
 - Developed a platform for competitive programmers to participate in online contests and submit problem solutions.
 - Implemented a rating system that updates based on leaderboard positions and current ratings.
 - Built an admin feature for problem setters to arrange and manage contests.
- **Appointment Management Solution for Doctor** [Doctor Panel](#) — [User Panel](#) — [Backend](#)
Technologies: React, Node.js, Express.js, MongoDB
 - Built an appointment system, reducing wait times and enhancing patient experience.
 - Integrated SSL payment for secure online bookings.

UNDERGRADUATE THESIS

Advancing Bangla Paraphrasing with Transformer Architectures **2024**
Technologies: Python, BERT, T5, Hugging Face