

Sourav Majumder

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I am a tech enthusiast and a **problem solver**, always love tackling new & varied real-life problems. I have a keen interest in **data structures & web developing**. I continue to learn new technical concepts and gain valuable experiences.

Education

- Dhaka University of Engineering & Technology, Gazipur** 2019 - 2023
 - B.Sc, Computer Science and Engineering.

Technical Skills

- Problem Solving** 2019 - Present
 - Almost (**2300+ and counting**) **Data structure & Mathematical** related problems solved on several platform.
 - Participated almost **250+** online & offline contests on several platform.
 - Codeforces** Max-rating **1421 (Specialist)**. Handle: [@s0urav6529](#)
 - Codechef** Max-rating **1680**. Handle: [@codepro16](#)
- Language**
 - C++ (Advanced), Java, php, JavaScript.
- Framework**
 - Node.js, Express & React (Basic).
- Database**
 - MySQL, MongoDB, Firebase
- Developers Tools**
 - Git, Github, docker, Visual Stdio.

Projects

- Chat-application** (A real-time chat application is developed, utilizing the MVC design pattern. Node.js and Express are used for the backend, MongoDB for database management, EJS for frontend rendering, and WebSockets to facilitate seamless real-time communication.) [Project link](#)
- Blog site** (Blog platform with real-time comments/replies using MEN stack, EJS for templating, Ajax, and WebSockets for live interactions, following MVC design.) [Project link](#)
- Food Delivery App** (A MERN full-stack app with MVC architecture, providing user and admin authentication. Users can add food to their cart, place orders, and access additional features.) [Project link](#)
- Contact-API** (An Rest API utilizing Node.js, Express, and MongoDB has been developed for managing user contact details, encompassing registration, login, authentication, and all CRUD operations.) [Project link](#)
- SuperShop Management** (Used Java and Mysql. It was a project of a super shop where the cashier can easily handle incoming-outgoing activity of the shop in one handed.) [Project link](#)

Competitive Programming Experiences

- ICPC Asia West Continent Finalist 2021** 24 Dec 2022
 - Our team was the 19'th team from our country to participate **internationally**.
- ICPC Asia Dhaka Regional Contest 2021** 8 Oct 2022
 - Selected for ICPC Asia Dhaka Regional 2021 hosted by BUBT and secured **40'th** rank among **165** teams.
- Inter University Programming Contest** Jun 2022 - Jul 2022
 - BUET IUPC 2022 - BUET , RUET IUPC 2022 - RUET , AUST IUPC 2022 - AUST.
- Intra DUET Programming Contest** Sep 2021 - Feb 2023
 - IDPC-2021, IDPC-2022, IDPC-2023.

Experiences

- Smart Field Service (Jr. Software Engineer - Backend)** Banani-Dhaka, Dec 2023 - Present
 - Contribute to build Real life software, build API's & perform software testing. Work with JavaScript, Node, Express & different database like(mongodb, mysql, firebase).

- **Brain Station 23 (Industrial Attachment / Academic Internship)** *Mirpur DOHS-Dhaka, Nov 2022 - Dec 2022*
 - Gathered knowledge about office environment and software company. Developed communication, networking and collaborate with professional software engineers.

Awards and Achievements

- **Champion of Intra-DUET Programming Contest** (2022, Became the **champion** of Intra-DUET Programming Contest held by DUET Computer Society, DUET)
- **2nd Runner-Up of Intra-DUET Programming Contest** (2023, Became the **2nd Runner-Up** of Intra-DUET Programming Contest held by DUET Computer Society, DUET)
- **Ranked 3rd countrywise & 20th globally at Codechef Starters 81 Division 2** (2023, Secured **3rd countrywise & 20th place globally** among 1352 participants in this Codechef round).
Handle: **codepro16**
- **Judge & Author of Intra-DUET Programming Contest-2024.**
Handle: **SMU_coder**

Field of Interests

- **Software development**, Data Structure, Artificial Intelligence, Computer system and anything that stirs the intellectual interest.