

Nipen Paul

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I enjoy competitive programming and aspire to work as a Backend Software Engineer. I'm fully dedicated to my work and eager to find opportunities that help me achieve my goals. I look forward to using my skills and experience to contribute effectively to projects that match my interests.

Technical Skills

- **Programming Languages**
 - C/C++ , C#, JavaScript
- **Framework**
 - .Net Core
- **Misc.**
 - Data Structures, Algorithms, OOP, Git & Github, Ubuntu
- **Problem Solving**
 - Almost (**2200+ and counting**) problems solved on several online platform.
 - Codeforces Max-rating **1383**. Handle: [@Nipen_Paul](#)
 - LeetCode Max-rating **1741**. Handle: [@Nipen_Paul](#)
 - CodeChef Max-rating **1651**. Handle: [@nipen_paul](#)
- **Database**
 - MySQL

Competitive Programming Experiences

- **ICPC Asia West Continent Finalist 2021**
 - Was first International onsite contest. Our team attended as the **19th** team from our country.
- **ICPC Asia Dhaka Regional Contest 2021**
 - Selected for ICPC Asia Dhaka Regional 2021 hosted by BUBT and secured **40th** rank among **165** teams ([Certificate](#)).
 - Selected for ICPC Dhaka Regional 2020 Main Round - Hosted by CSE, DU and secured **86th** rank among **110** teams.
 - Selected for ICPC Dhaka Regional 2019 Organized by SEU and secured **130th** rank among **190** teams.
- **Inter University Programming Contest**
 - RUET IUPC 2022 - RUET ([Certificate](#)), DUET IUPC 2019 - DUET.
- **Intra DUET Programming Contest**
 - IDPC-2021 (Contestant), IDPC-2022 (Organizer) ([Certificate](#)), IDPC-2023 (Organizer and Problem Setter).

Awards and Certifications

- **Champion of Intra-DUET Programming Contest** (2021, Became the **champion** of Intra-DUET Programming Contest held by DUET Computer Society, DUET) ([Certificate](#))

Education

- **Dhaka University of Engineering & Technology, Gazipur** *March 2019 - June 2023*
 - BSc, Computer Science and Engineering.
 - CGPA - **3.08**

Leadership Experiences (selected)

- **Former Vice President, Former General Secretary - DUET Computer Society** *July 2021 - June 2023*
 - I managed to train in Algorithm and Data Structure and organized IDPC-2022 as well as many online and offline events. ([Certificate](#))
- **Volunteer - DUET CSE Fest 2019** *26-27 April, 2019*

Projects

- **.Net:** Developed basic desktop based applications and completed academic projects, showcasing practical experience in desktop based development.
- **BD Tour Guide:** I was part of an academic team project called "BD Tour Guide," where we developed a travel agency platform using HTML, CSS, MySQL, PHP, Bootstrap, and JavaScript. This platform allowed users to effortlessly book tours online and share reviews about their favorite tour packages. Additionally, the admin had the authority to manage all the packages, reviews, and user accounts to ensure security. In this project, I took charge of the backend programming and MySQL database implementation. ([GitHub](#))
- **IOT Base Tele Hand Robot:** We worked on an academic team project involving an IoT-based 4DOF robotic arm. This arm can be operated using Android/iOS applications over a network, allowing control from anywhere globally. It mimics human hand movements and functionalities, and it even performs tasks that are too risky for human hands. Furthermore, it can be employed as a substitute for human hands in hazardous activities. In this project, I contributed by assisting with the hardware setup and coding implementation for the robotic arm. ([Showcase video](#))

Field of Interests

- Software Engineer, Software Development, Data Structure, Problem Solving, Core CS, Mathematics, Machine Learning , AI, Educational psychology, Sports and Object Oriented Programming.