Nipen Paul

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Blog: https://nipenpaul.github.io

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

- **Languages**
  - C/C++ (Advance), Python, JavaScript, HTML, CSS

- **Framework**
  - NodeJs, ExpressJs (Beginner)

- **Database**
  - MySQL, MongoDB

- **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

Competitive Programming Experiences

- **ICPC Asia West Continent Finalist 2021**
  - Was first International onsite contest. Our team attended as the **19'th** team from our country.

- **ICPC Asia Dhaka Regional Contest 2021**
  - Selected for ICPC Asia Dhaka Regional 2021 hosted by BUBT and secured **40'th** rank among **165** teams (Certificate).
  - Selected for ICPC Dhaka Regional 2020 Main Round - Hosted by CSE, DU and secured **86'th** rank among **110** teams.
  - Selected for ICPC Dhaka Regional 2019 Organized by SEU and secured **130'th** 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**

- **Thakurgaon Polytechnic Institute, Thakurgaon** *October 2012 - November 2016*
  - Diploma in Engineering, Computer Technology.
  - CGPA - **3.53**

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

- **Exploring MERN Stack Development:** Proficient in utilizing JavaScript for backend development, with a focus on MERN Stack technologies. Demonstrated expertise in building dynamic web applications through practical projects involving MongoDB, ExpressJS, React, and NodeJS.(GitHub)

- **BD Tour Guide:** I led the backend development and MySQL database implementation for the 'BD Tour Guide' academic team project. We created a travel agency platform using HTML, CSS, PHP, Bootstrap, and JavaScript, enabling seamless online tour bookings and user reviews. I also implemented admin features for package, review, and user account management, ensuring security.(GitHub)

Field of Interests

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