# Anik Chandra Deb

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## Sumary

Competed in online judges like Codeforces, CodeChef, Leetcode, and Atcoder. Achieved a maximum rating of 1389 on Codeforces with a Pupil rank and earned a 3-star coder rating on CodeChef. Solved around 1400 problems across different online judges, focusing on learning data structures and algorithms to improve coding skills. Actively participated in onsite contests, including ICPC Asia Dhaka Regional Contest 2024, Techfest, IIT Bombay, Bangladesh Zonal 2024, ICPC Dhaka Regional 2019, NCPC 2024, IUPC at CoU, and IUJPC at SEC. Currently focusing on MERN Stack development, with an emphasis on backend development, and passionate about building strong and reliable web applications.

## Education

**Dhaka University of Engineering & Technology(DUET)**                    *Sept 2021 – July 2025*
*Bachelor of Science in Computer Science and Engineering*

- CGPA: 3.61/4.00

## TECHNICAL SKILLS

- **Problem Solving**
  - **Codeforces**
    Pupil|Max Rating : 1389 |Solved 1100+ problems |Participated in 127+ contests |Handle - _anik ☑
  - **CodeChef**
    3-Star|Max rating 1648 |Solved around 100 problems |Handle - anik234 ☑
  - **CSES**
    Solved around 50+ problems
- **Languages**
  - C, C++, Python, HTML, CSS, JavaScript, PHP
- **Database**
  - MySQL , MongoDB
- **Miscellaneous**
  - Data Structures, Algorithms, OOP, Git , GitHub, Node.js, Express.js ,React.js , Ubuntu

## Competitive Programming Experience

- ICPC Asia Dhaka Regional Contest 2024
  - Secured 49th rank out of 309 teams. To qualify, participated in ICPC Asia Dhaka Regional 2024 Preliminary round and secured 162nd rank out of around 2500 teams.
- Techfest, IIT Bombay, Bangladesh Zonal 2024
  - Selected for Techfest, IIT Bombay 2024 Main Round.
- NCPC 2024 Finalist
- Inter University Programming Contest at CoU 2023
  - Secured 42'th rank among 70+ teams.
- Inter University Junior Programming Contest at SEC 2022
  - Secured 39'th rank among 82 teams.
- Intra DUET Programming Contest
  - IDPC 2024, IDPC 2023,IDPC 2022
- ICPC Asia Dhaka Regional Contest 2019 Finalist

## Achievements

- **ICPC Asia Dhaka Regional Contest 2024** - 49th rank.

- **Techfest, IIT Bombay, Bangladesh Zonal 2024** - 5th Rank.

- **Intra DUET Programming Contest 2024** - 4th Rank.

- **Intra DUET Programming Contest 2022** - 1st Runner Up.

## LEADERSHIP

- **Vice President**
  – DUET Computer Society *October 2024 – Present*

- **Former General Secretary**
  – DUET Computer Society *June 2023 - October 2024*

## Projects

**Storage Management System** *GitHub* ↗

- The Storage Management System is a backend application for efficient file and folder management. It features secure authentication, Google login, file uploads, advanced sorting, favorites, and user account management. With added security for restricted content, it ensures organized and reliable storage solutions.
- Tech Stack: Node.js, Express.js, MongoDB

**ShopEase Backend** *GitHub* ↗

- The ShopEase Backend API provides the necessary services to build and maintain a scalable e-commerce platform. This backend handles product management, user interactions, order processing, and integrates SSLCommerz for secure payment processing. Designed with modularity and extensibility in mind, it ensures that administrators and users have a smooth experience managing products and transactions.
- Tech Stack: Node.js, Express.js, MongoDB

**Task Management System** *GitHub* ↗

- The Task Management System is a backend application that allows users to securely register, log in, and manage their profiles. It offers features like email verification, password reset, and profile updates. Users can create, update, view, and delete tasks based on their status, with access control enforced through authentication middleware. The system provides an efficient way to manage tasks securely.
- Tech Stack: Node.js, Express.js, MongoDB

**Blood Bank System** *GitHub* ↗

- Developed the Blood Bank System as a university project, which includes both Android and web applications. The system aids users in finding blood donors and making emergency blood requests. It allows donors to register, enabling those in need to search for donors based on blood group and location.
- Tech Stack(For Android Application): Android Studio, SQLite
- Tech Stack(For Web Application): HTML, CSS, JavaScript, Bootstrap, PHP, MySQL

## Field of Interest

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- Software Engineering, MERN Stack, Full-Stack Development, Problem Solving, Data Structures, Algorithms, Object-Oriented Programming(OOP), Machine Learning, AI, Core Computer Science, Database Management, Cloud Computing etc.

## References

- **Dr. Md. Jakirul Islam**
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