

# Shovon Das Chowdhury

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My Portfolio

## Objective

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A Computer Science and Engineering graduate with strong foundations in problem-solving, Data Structures, and Algorithms, honed through competitive programming. Passionate about web development with specialization in the MERN stack, possessing hands-on experience in building dynamic and scalable applications. Seeking opportunities to apply problem-solving skills, technical expertise, and a continuous learning mindset to contribute to innovative projects.

## Skills

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- **Programming Languages:** C, C++, JavaScript, Python
- **Frontend Development:**
  - **Technologies:** HTML, CSS
  - **Frameworks:** Next.js, Tailwind CSS, Bootstrap
  - **Libraries:** React.js, Redux
- **Backend Development:** Node.js, Express.js
- **Databases:** NoSQL (MongoDB), SQL (MySQL)
- **Tools:** Git, MongoShell, MongoDB Compass, Firebase, Wireshark, Firewall, Postman

## Education

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Sylhet Engineering College

Jan 2019 - Feb 2024

B.Sc in Computer Science and Engineering (CSE)

CGPA: 3.68 out of 4.00

## Language

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English, Bengali, Hindi, Urdu

## Projects

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- **Work Manager** ( NEXT.JS, MongoDB, Cloudinary, Tailwind CSS )

Work Manager is a full-stack task management app that lets users sign up, log in, add, edit, and delete tasks with details like title, content, status, and deadline. Users can filter tasks by status, track completion rates, and view recently added tasks. Built with Next.js, MongoDB, Mongoose, Cloudinary, Tailwind CSS, bcrypt, and JWT, it provides a seamless experience with secure authentication.

 Source Code  Live Demo

- **ECommerce Web Application** ( Node.JS, Express.JS, MongoDB, React.JS )

Built a full-stack eCommerce app using Node.js, MongoDB, React.js, and Tailwind CSS. Features include user registration, product browsing, cart functionality, PayPal payments, and admin controls for product management and order tracking.

 Source Code  Live Demo



- **Logo Maker** ( HTML, CSS, Tailwind, React.JS, Shadcn )

Logo Maker is a web application that allows users to design custom logos with a variety of sizes, colors, and backgrounds. The app offers a range of background color options, including gradient effects, to help users create unique and professional logos tailored to their preferences.

 [Source Code](#)    [Live Demo](#)

- **Meetmax - Social Media Demo** ( Frontend, React.JS, Tailwind, CSS, HTML )

Built a responsive social media demo with React and Firebase for authentication, post creation, and user interactions. Implemented stories with Swiper.

 [Source Code](#)    [Live Demo](#)

- **The Dragon News** ( React.JS, Tailwind, CSS, HTML, Firebase )

A frontend-only news portal with user authentication, allowing users to log in and access personalized news content with an intuitive interface.

 [Source Code](#)    [Live Demo](#)

## Competitive Programming

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Codeforces (**shovon60**):

Solved 1150+ problems

Contest rating: 1411

Codechef (**shovon60**):

Solved 60+ problems

Contest rating: 1782

## Publications

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- **S-DrivingRecords: Blockchain Based Enhancing Trust and Transparency in Driving Records Using Hyperledger Fabric** (Published in IEEE Xplore Conference- 2024)

- **SafetyNet: A Decentralized Police Complaint Management System for Bangladesh Using Blockchain Technology** (Published in IEEE Xplore Conference- 2024)

## Achievements Activities

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**Runners Up**

SEC Idea Hackathon 2022

**Workshop Instructor**

SEC Programming Club

**Ranked 173 out of 2400+ teams**

ICPC Dhaka Regional 2023 Online Preliminary Contest

**Member**

SEC CSE Society

**200+ programming contests**

Participated various online & onsite contests.