

MD. Mehedi Hasan

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Summary

Software Engineer with a strong competitive programming background (2500+ problems solved) and hands-on experience building full-stack web applications. Proficient in React, Next.js, Node.js, AdonisJS, and TypeScript. Passionate about writing clean, secure code and delivering impactful products.

Experience

AppifyLab

July 2025 – Present

Jr. Software Engineer

- Developing frontend components using React, Next.js and backend APIs with AdonisJS and ExpressJS.
- Integrated Stripe payment gateway with webhook handling to automate subscription lifecycle events and ensure secure transaction processing.
- Designed and implemented a course gifting system with instant and scheduled delivery using AWS-based background job processing.
- Enhanced application security by implementing HTTP security headers including Content Security Policy (CSP) and X-Frame-Options to mitigate common web vulnerabilities.

Education

B.Sc. (Eng.) in Computer Science and Engineering

Jan 2020 – Jun 2025

Comilla University | CGPA: 3.46 / 4.00

Skills

Languages: C, C++, JavaScript, TypeScript, HTML, CSS

Frameworks: React, Next.js, Node.js, Express, Redux Toolkit

Databases: MongoDB, MySQL

Tools: Postman, Git

Projects

Shop Today | [🔗](#)

Sep 2024

- Full-stack e-commerce app with auth, cart, and order management.
- **Tools:** React, Node.js, MongoDB, Redux Toolkit.

Habit Tracker | [🔗](#)

2025

- Full-stack habit tracking app built as a Turborepo monorepo, allowing users to create, manage, and track daily habits with streak monitoring.
- **Tools:** Next.js, NestJS, PostgreSQL, TypeScript.

Food Delivery App

Dec 2023

- Mobile food delivery app with user auth, dynamic menu, cart management, and order history.
- **Tools:** React Native, TailwindCSS, Node.js, Sanity.io.

Programming Contest Experience 🏆 All Contests

Contest Name	Rank	Team
CoU Inter-University Programming Contest 2024	10th	Code_Master(ebrahim_77)
Premier University Programming Contest 2024	6th	CoU_BinaryDebuggers
IIUC Inter University Programming Contest 2023	43rd	CoU_01_Debuggers

Programming Profiles

- **Codeforces:** Specialist | Max Rating: 1425 | Mehedi_Cou.12
- **CodeChef:** 3 Star | Max Rating: 1645 | mehedi.cou.12
- **LeetCode:** Max Rating: 1683 | Mehedi_CoU_12
- **GeeksforGeeks:** Max Rating: 1737 | mehedicou12
- **Solved Problems:** 2500+ across various platforms

Certificates

- Problem Solver – HackerRank
- Completed courses on React and Competitive Programming from online platforms