Shihab Newaz

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SUMMARY

Passionate web developer and blockchain enthusiast with a strong foundation in software engineering. Adept at coding with excellent problem-solving skills, I am eager to contribute my expertise to innovative projects in web development, software engineering, and blockchain technology

EDUCATION

Bachelor of Computer Science and Engineering (B.Sc.)
2019 - 2024
Khulna University of Engineering Technology (KUET),
Khulna, Bangladesh.
CGPA: [3.27/4.00]

TECHNICAL SKILLS

Programming:	C/C++ (Expert), JavaScript (Expert), Solidity (Intermediate), Python (Beginner), Java (Intermediate), PHP (Intermediate)
Web Tech:	HTML5, Tailwind CSS, React.js, Next.js
Blockchain:	NFTs , Ethers.js, Hardhat
Databases:	MySQL, MongoDB, Firebase
Frameworks:	Django, UIKit, JavaFX
Other:	Git, OpenGL, RESTful APIs

PROGRAMMING EXPERIENCES

- **LeetCode**   114+ Solved
- **Codeforces**   50+ Solved
- **Others**   100+ Solved

WORK EXPERIENCE

Associate Software Engineer   December 2024 - Present
Apsis Solutions Ltd., Dhaka, Bangladesh (CRM Department)

- Developed and maintained enterprise CRM applications using Next.js, React implementing complex business logic and data flows

Blockchain Developer Intern   June 2024 - August 2024
Lead Academy, Remote

- Developed and integrated a blockchain-based certification system for the company's existing Learning Management System (LMS)

MAJOR PROJECTS AND THESIS

Secure Academic Certificates using Blockchain
Technologies: React, Ethers.js, Node.js, Solidity, Hardhat
Description: An academic certificate issuance and verification system using blockchain technology.

Real Estate NFT Marketplace
Technologies: Solidity, Next.js, Ethers.js, Tailwind CSS
Description: A decentralized platform for buying, selling, and trading tokenized real estate properties as NFTs

Next-Chat-App
Technologies:Next.js, Stream API, Twilio
Description: A real-time chat application built entirely with Next.js, leveraging the Stream Chat API for real-time messaging capabilities and Twilio for SMS notifications.

CardiacMonitor
Technologies: Android,SQLite
Description: Java and SQLite based Android application for monitoring blood pressure. This purpose of this project was to learn about version control and CI/CD with Git and Github-Actions.

TechVibe
Technologies: Django, React, MongoDB, nltk, scikit-learn
Description: A full-stack e-commerce application with integrated sentiment analysis for product reviews. It uses Django for the backend, React for the frontend, and MongoDB as the database.

JavaMusic
Technologies: MongoDB, Java, Shazam API
Description: Music application like Spotify made with Java using the JavaFX framework

Audiotemple
Technologies: PHP,MySQL
Description: AudioTemple is a subscription based website crafted with PHP, HTML, CSS, and vanilla JavaScript used to search for and listen to music.

OpenGL-Chess
Technologies: OpenGL,C++
Description: A dynamic chess game with complex physics and lighting