NAYEM SARKAR

MERN Stack Developer

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ABOUT ME

Motivated Computer Science student at United International University, currently focused on mastering the MERN stack (MongoDB, Express.js, React, Node.js). Actively building foundational skills through coursework, tutorials, and hands-on practice. Eager to contribute to real-world development teams and grow into a full-stack role — with a strong passion not only for frontend polish and UI animation, but also for backend architecture and the full development lifecycle.

EDUCATION

2020 - 2025
United International University

B.Sc. in Computer Science & Engineering

Gained solid theoretical and practical knowledge in core areas of computer science and engineering, including algorithms, databases, and system architecture. Applied this foundation to build full-stack applications and explore UI/UX design with real-world functionality.

2017 - 2019
Chattogram Port College

Bachelor of Science

Completed higher secondary education in the science stream under the National University. Developed strong analytical skills through coursework in mathematics, physics, and computer fundamentals.

2012 - 2016
Chottogram Port Authority High School

Secondary School Certificate

Graduated with a science concentration under the Board of Intermediate and Secondary Education, Chattogram. Built early interest in technology through foundational studies in math and science.

EXPERIENCE

Project Champion – System Analysis & Design Lab
Education World | Spring 2024 | Led the development of a voice-controlled educational platform serving users of all ages— from children to university students. The site integrates book browsing, gaming, tuition search, study loans, and higher education resources into one unified experience. Recognized as the Champion project for its innovation and versatility.

Runners-Up - Final Year Design Project
DeepQolYp: Hybrid Classical–Quantum Deep Learning Model | Spring 2025 | Designed a lightweight segmentation model combining DeepLabV3+ and MobileNetV2 with quantum-enhanced layers for colon polyp detection. Leveraged knowledge transfer techniques to improve medical image analysis with reduced computational overhead. Earned runners-up recognition for pushing boundaries in classical–quantum AI integration.

SKILLS

- HTML
- Javascript
- MongoDB
- CSS
- React.js
- MySQL
- Tailwind CSS
- Express.js
- Figma
- Node.js

REFERENCES

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