



Niloy Kumar Das

Nationality: Bangladeshi **Date of birth:** 24/07/2003 **Phone number:** (+880) 1307065475

Email address: imniloy08@gmail.com

LinkedIn: <https://www.linkedin.com/in/iamniloy8/>

Github: <https://github.com/imniloy>

Home: Faridpur (Bangladesh)

ABOUT ME

I am a dedicated and innovative **Software Engineer** with extensive experience in full-stack development. I specialize in modern web technologies like **React.js**, **React Native**, **Redux Toolkit**, **Node.js**, **MongoDB** and **AWS**, and I enjoy building scalable applications that deliver smooth and engaging user experiences. I'm driven to create software that makes a real difference.

WORK EXPERIENCE

CrackTech Ltd. – Remote

City: Remote | Website: <https://cracktech.com.bd/> | Business or sector: Education

Software Developer Part Time

[01/06/2025 – Current]

• Frontend Development

- Designed and implemented responsive user interfaces for multiple mobile applications using **React Native**, **Redux**, and **React Navigation**, ensuring seamless and consistent user experiences across different devices. Additionally, developed and maintained the **admin panel** for managing MCQ questions and other application content.

• Backend Development

- Developed robust and secure **RESTful APIs** using **Node.js** and **Express.js**, facilitating efficient client-server communication.

Messbook Softwares Ltd. – Dhaka, Bangladesh

City: Dhaka | Country: Bangladesh | Website: <https://www.messbook.com.bd/> | Email address: contact@messbook.com.bd
| Business or sector: Other service activities

Software engineer

[10/01/2024 – 30/06/2025]

• Frontend Development

- Designed and implemented responsive user interfaces using **React.js**, **React Native**, **Tailwind CSS**, **Sass**, **Redux**, **React Router**, **Next.js** ensuring seamless user experiences across devices.

• Backend Development

- Developed robust and secure **RESTful APIs** using **Node.js** and **Express.js**, facilitating efficient client-server communication.
- Managed server-side logic, set up authentication systems, integrated payment gateways, and ensured data validation to keep everything running smoothly and reliably.

• Database Management

- Designed and maintained MongoDB, SQL databases with optimized schemas for efficient data storage and retrieval.
- Performed database operations, including CRUD functionalities, and ensured data security through encryption and access control.

• Collaboration and Workflow

- Contributed to code reviews and utilized Git for version control to maintain synchronized codebases. Deployed web applications on cloud platforms like AWS, ensuring optimal performance and uptime. Monitored applications post deployment, fixed bugs, and made improvements to keep them running efficiently.

PROJECTS

[01/06/2025 – Current]

Live MCQ

- I developed Version 2 of the Live MCQ feature, including the complete **Quiz Master module** using **React Native** for both Android and iOS platforms. This feature allows users to participate in competitive MCQ-based contests tailored to their

preferred subjects. Users can select multiple subjects, practice, and assess their knowledge through a series of single-choice and multiple-choice questions.

- After completing a test, users can view their scores, along with detailed statistics such as total correct and incorrect answers. They can also access a full **answer sheet**, enabling them to learn and improve in an effective and competitive environment.
- I built the **entire feature end-to-end**, including the **backend** using **Node.js**, **Express.js**, and **MySQL** for data storage, user management, quiz logic, and performance tracking.

Link: <https://play.google.com/store/apps/details?id=com.livemcq.livemcq>

SereneMind - An admin panel for managing Mental health application.

- Designed and developed a fully responsive admin panel UI for the SereneMind mental-health app using modern React best practices.
- Built an interactive dashboard displaying user registrations, feature usage, total users, categories, and overall app metrics using frontend state management.
- Implemented content management interfaces for categories, music library, exercises, programs, surveys, offers, and MCQ questions.
- Created clean, user-friendly tables, charts, and forms for managing app data, improving usability and workflow efficiency.
- Utilized React components, hooks, and client-side state to simulate data handling and provide a smooth, real-time admin experience.

Link: <https://mental-health-frontend-admin.imniloy.xyz/>

[10/01/2024 – 08/06/2024]

MessBook - Platform for Bachelors

- I designed and developed a responsive web application using React.js, Redux, and Tailwind CSS, focusing on creating a visually appealing and user-friendly interface. This effort led to a **15% boost in user retention**, as the application worked seamlessly across all devices.
- To ensure efficient data handling, I built secure and scalable RESTful APIs using Node.js and Express.js. These APIs streamlined communication between the frontend and backend, ensuring the platform remained reliable and fast.
- Additionally, I integrated **real-time communication features using Socket.IO**, allowing homeowners and customers to interact instantly. This feature significantly enhanced user engagement by providing live updates and seamless interactions.

Link: <https://www.messbook.com.bd/>

INTERNATIONAL STANDARD TEST

[31/12/2024 – 31/12/2026]

International English Language Testing System (IELTS)

Overall: 6.5 (Listening: 7.5, Speaking: 6, Writing: 6, Reading: 6)

EDUCATION AND TRAINING

Diploma in Engineering (Computer Technology)

Faridpur Polytechnic Institute [01/10/2019 – 31/12/2023]

City: Faridpur | Country: Bangladesh | Website: <https://polytechnic.faridpur.gov.bd/> | Final grade: CGPA 3.26 / 4