


Md. Abu Nayem


Software Engineer/Software Developer

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SUMMARY

 Web & Mobile App Developer | Final-Year CSE Student at DIU I am a final-year Computer Science and Engineering student at Daffodil International University (DIU) with a strong passion for web and mobile application development. I specialize in building scalable, high-performance applications using modern technologies such as React, React Native, and Flutter.

◆ Technical Expertise Web Development: React, Redux, JavaScript, HTML, CSS Mobile App Development: React Native, Flutter Version Control & Collaboration: Git, GitHub Software Development: Algorithms, Data Structures, System Design

 Professional Aspirations With a solid foundation in software development principles, I am driven by the challenge of solving complex problems through clean, efficient, and maintainable code.

I focus on developing intuitive, user-friendly applications that align with industry best practices and business goals.

 Continuous Learning & Growth I actively contribute to open-source projects and collaborate with other developers on GitHub to refine my skills.

Engaging in coding challenges, hackathons, and real-world projects helps me stay at the forefront of technology.

Additionally, I pursue professional courses to expand my expertise.

☀ Let's Connect I am eager to collaborate on innovative projects, internships, and career opportunities in web and mobile app development.

Let's connect to explore potential synergies and create impactful digital solutions.

EXPERIENCE

Founder & Software Engineer

Self-employedSelf-employed

Jan '25 — Present

Dhaka, Bangladesh

As the Founder and Software Engineer of ShopEasy, I am leading the end-to-end development of a hyperlocal digital commerce platform designed to digitize small and medium-sized retail businesses across Bangladesh. ShopEasy provides tools for inventory management, digital storefronts, seamless ordering, customer engagement, and integrated mobile payments and delivery services. Key Responsibilities:

- Architected and developed core features for the ShopEasy web and mobile applications using modern front-end and back-end technologies.
 - Built intuitive user interfaces for shop owners, customers, and delivery partners with multi-language support (English and Bangla).
 - Integrated secure mobile payment gateways (bKash, Nagad, Rocket) and designed a modular order management system.
 - Developed real-time features such as push notifications, in-app messaging, order tracking, and performance dashboards.
 - Led codebase structuring, API design, database modeling, and optimization for scalability and offline access.
 - Collaborated with local shop owners to gather feedback, refine product-market fit, and prioritize feature development.
- Key Technologies: React, Flutter, Firebase, Node.js, Express.js, MongoDB, REST APIs, Figma, Git, Vite
- Platform Highlights:
- Shop registration, inventory & order management
 - Customer app with GPS-based discovery & multi-cart ordering
 - Delivery partner interface with route optimization
 - Admin panel for moderation, analytics, and campaign management
- Vision: To digitally enable over 1 million local businesses across Bangladesh and create a robust, inclusive digital retail ecosystem that supports hyperlocal commerce and community-driven growth.

EDUCATION

Bachelor's degree, Computer Science & Engineering in Computer Science & Engineering, Daffodil

International University-DIU

Jan '22 — Present

- Final-year Bachelor of Science (B.Sc.).
- Student in Computer Science & Engineering at Daffodil International University, with a strong academic foundation in algorithms, data structures, and software engineering principles.
- Specializing in mobile app development using Flutter and React Native, and web development with modern JavaScript technologies like React.
- Experienced in building responsive, user-friendly applications with robust front-end and back-end integration.
- Actively engaged in the Computer Programming Club (CPC), participating in coding competitions, collaborative problem-solving, and technical workshops.
- Gaining hands-on experience through real-world projects involving artificial intelligence, blockchain-based systems, and scalable full-stack solutions.
- Passionate about technology innovation and committed to building impactful digital products as a future software engineer.

Aspire Leaders Program, Leadership, Innovation & Professional Development in Leadership, Aspire Institute Apr '24 — Aug '24

- Successfully completed a highly competitive, multi-phase global leadership development program delivered by Aspire Institute in collaboration with Harvard University faculty.
- The program featured interactive modules on values-based leadership, digital transformation, artificial intelligence, and community-driven innovation.
- Emphasized professional development through career readiness training, global networking, and experiential learning.
- Developed leadership, critical thinking, and communication skills to address complex challenges and drive positive change in both local and global contexts.

CERTIFICATIONS

React - Complete Developer Course with Hands-On Projects, Udemy

Aspire Leaders Program, Aspire Institute

PROJECTS

Shopping – Grocery Delivery App UI (Flutter)

Instagram UI Clone (Flutter)

SKILLS

Top Skills Firebase, Node.js