

Md. Shahin Sheikh

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Full stack software engineer with 5+ years of experience building and shipping production-grade software across e-commerce, logistics, fintech, and travel domains. Specialized in high-performance React/Next.js front ends backed by scalable Node.js and .NET microservices. Proven record of delivering reliable client solutions on time, mentoring engineers, and driving measurable gains in performance, development velocity, and user retention. Comfortable owning features end to end — from architecture and implementation to testing, deployment, and iteration.

TECHNICAL SKILLS

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

Frontend: React.js, Next.js, Redux, React Query, Vite, Tailwind CSS, WebAssembly

Backend: Node.js, Express.js, .NET, RESTful APIs, OAuth 2.0, Kafka, Redis

Architecture: Microservices, Clean Architecture, Monolithic, Monorepo, Event-Driven Design

Databases: PostgreSQL, SQL Server, MongoDB

Cloud & DevOps: AWS (S3), Firebase, Docker, Linux, Git, CI/CD

Tools & Practices: Figma, Claude Code, Postman, Jira, Agile/Scrum, Code Review, Technical Mentoring

PROFESSIONAL EXPERIENCE

Software Engineer · Cartup Ltd. (Us Bangla Group)

Apr 2026 — Present

- Delivered production code for 7+ services achieving 99% on-time delivery and 95% client satisfaction.
- Built and shipped multiple microservices — CRM, Logistics, Inventory, and Accounting — consistently meeting sprint commitments and on-time release targets.
- Owned CRM, accounting, and logistics modules end to end — from API design and data modeling through responsive UI delivery and post-release support.
- Partnered with cross-functional stakeholders to scope, estimate, and deliver complex features under tight deadlines without compromising quality.
- Optimized rendering and data-fetching strategies and championed reusable component patterns that improved responsiveness and accelerated onboarding for new team members.

Software Engineer · TechnoNext Ltd. (Us Bangla Group)

Jan 2023 — Mar 2026

- Delivered production code for 5+ projects — Cartup (e-commerce), Foodi (food delivery), FirstTrip (OTA), and Us-Bangla Airlines — achieving 98% on-time delivery and 95% client satisfaction.
- Led research, development, and architecture of technical solutions, cutting development time by 20% through optimized workflows and a shared library of reusable components.
- Mentored 3 junior engineers through structured knowledge-sharing sessions and rigorous code reviews, measurably improving team productivity and code quality.
- Collaborate with AI/ML team to build chatbot and research optimizing the model using LLM and machine learning.

Frontend Engineer · Morpheus Soft

Dec 2021 — Jan 2023

- Engineered a biometric authentication system (PalmID OAuth) with Vite, React, Tailwind CSS, and WebAssembly, enabling palm-scan and email-OTP login and reducing login friction by 40%.
- Developed a responsive crypto-platform front end in HTML, CSS, and JavaScript with a focus on sleek design and performance optimization for a global audience.
- Implemented reusable UI components and responsive layouts that ensured consistent experiences across devices and browsers.

Software Engineer Intern · Teletalk Bangladesh Limited

Aug 2021 — Nov 2021

- Designed and implemented an approval system that reduced processing time by 40% and improved operational efficiency.
- Contributed to multiple projects and tasks simultaneously under pressure, gaining hands-on experience with production workflows.
- Documented system workflows and technical processes to support smooth handover and ongoing maintenance.

KEY PROJECTS

Cartup · E-commerce platform

Jan 2023 — Present

- Built and maintained frontend modules for logistics, inventory management, admin tools, accounting, seller, and CRM systems.
- Contributed to the backend of multiple modules, including Products and a central Authentication System, using Node.js and PostgreSQL.

- Designed CRM workflows for lead tracking and customer communication, improving visibility for sales and support teams.

Foodi · Food delivery

Dec 2023 — Apr 2024

- Contributed to the frontend of multiple modules, including customer-facing app and CRM.
- Enhanced app performance, achieving a 20% reduction in load time and a 15% improvement in user retention.
- Collaborated with backend teams to integrate REST APIs and ensure reliable, consistent data flow.

FirstTrip · Online travel agency

Feb 2023 — Jun 2023

- Implemented personalized recommendations and expert-guidance features to enrich the user travel-planning experience.
- Ensured seamless integration and high performance across the platform, empowering users to plan, book, and experience their journeys.

Us-Bangla Airlines · Airline booking platform

2023 — 2024

- Developed flight-search, booking, and management UI modules, ensuring reliable performance and a smooth booking experience across web platforms.

IDP PalmID OAuth · Biometric authentication

Dec 2021 — Dec 2022

- Developed a biometric authentication system enabling registration and login via palm scans (left & right) or OTP-based email, using Vite, React, Tailwind CSS, WebAssembly, and vanilla JS.
- Integrated WebAssembly modules for fast, on-device palm-print processing, enabling secure and privacy-preserving authentication.

EDUCATION

BSc in Computer Science & Engineering · AIUB

Spring 2018 — Spring 2022

American International University – Bangladesh (AIUB)

- Thesis: Detecting Fake News on social media Using Machine Learning and Natural Language Processing.
- Relevant coursework: Data Structures & Algorithms, Operating Systems, Database Systems, Software Engineering, Computer Networks, and Machine Learning.

PUBLICATIONS & CERTIFICATIONS

- Multimodal LLMs for Human–AI Interaction: A Unified Text, Image, and Speech Framework (2022).
- ICPC – International Collegiate Programming Contest (Apr 2021).
- Hacker Rank – Frontend Developer, React (Apr 2023).
- Coursera – AI For Everyone (Jun 2020).

LANGUAGES & INTERESTS

Languages: English (Fluent), Bengali (Native)

Interests: Traveling, climbing, science fiction novels, and movies