

# Md. Shahin Sheikh

4+ years' experience in full stack software development building production-grade software. Specialized in high-performance React/Next.js applications.

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## Relevant Experience

Software Engineer, **TechnoNext Ltd.** Jan 2023 — Present

- Delivered high-quality production code for 5+ client projects, including Cartup (e-commerce), Foodi (food delivery), FirstTrip (OTA), and Us-Bangla Airlines, ensuring 98% on-time delivery and 95% client satisfaction.
- Led the research, development, and architecture of technical solutions, reducing development time by 20% through optimized workflows and reusable components.
- Collaborated with designers, project managers, and engineers to transform creative concepts into production-ready applications, improving user engagement by 30%.
- Mentored 3 junior engineers, conducting knowledge-sharing sessions and code reviews to enhance team productivity and code quality.

Software Engineer (Front-End), **Morpheus Soft.** Dec 2021 — Dec 2022

- Engineered a biometric authentication system (PalmID OAuth) using Vite + React, Tailwind CSS, and WebAssembly, enabling users to register and log in with left/right hand palm scans or email OTP, reducing login friction by 40%.
- Developed a responsive crypto platform frontend using HTML, CSS, and JavaScript, focusing on sleek design and performance optimization for global users.

Software Engineer Intern, **Teletalk Bangladesh Limited.** Aug 2021 — Nov 2021

- Designed and implemented an approval system, reducing processing time by 40% and improving operational efficiency.
- Contributed multiple projects and tasks simultaneously under pressure.

## Work Projects

**Cartup**, January 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 central Authentication System with Node.js and PostgreSQL.

**Foodi**, December 2023 — April 2024

- Contributed to the frontend of multiple modules, including customer, and CRM.
- Enhanced app performance, achieving a 20% reduction in load time and improving user retention by 15%.

**FirstTrip**, February 2023 — June 2023

- Implemented personalized recommendations and expert guidance features to enhance user travel planning experience.
- Ensured seamless integration and high performance across the platform to empower users in planning, booking, and experiencing their first journeys.

**IDP PalmID OAuth**, December 2021 — December 2022

- Developed a biometric authentication system enabling users to register and log in using palm scans (left & right) or OTP-based email login, using Vite, React, Tailwind CSS, WebAssembly, and vanilla JS.
- Collaborated with the machine learning team to integrate WASM palm recognition modules, delivering a seamless and secure user experience.

## Skills

### Programming Languages

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

### Libraries & Frameworks

React.js, Next.js, Node.js, .NET, Express.js,  
Tailwind, Redux, Vite, React Query

### Architecture & Patterns

Microservices, Clean, Monolithic,  
Monorepo, RESTful APIs, OAuth 2.0, AWS,  
WebAssembly

### Tools & Platforms

PostgreSQL, SQL Server, MongoDB, Kafka,  
Redis, Linux, Git, Docker, AWS, Firebase,  
Figma, GPT

## Education

### American International University – Bangladesh (AIUB)

#### BSc in Computer Science & Engineering (CSE)

Spring 2018 — Spring 2022

**Thesis:** Detecting Fake News on Social Media  
Using Machine Learning and Natural Language  
Processing

## Publications

### Publications & Research

**Multimodal LLMs for Human–AI Interaction:  
A Unified Text, Image, and Speech  
Framework (2022)**

## Certifications

ICPC - International Collegiate  
Programming Contest  
Issued Apr 2021

Hacker rank - Frontend Developer (React)  
Issued Apr 2023

Coursera - AI For Everyone  
Issued Jun 2020

## Interests

Traveling, climbing, science fiction novels,  
movies