

Nayon Kanti Halder

Full Stack Software Engineer

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PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer with **3+ years of experience** designing and delivering scalable web and mobile applications. Proficient in **React.js, Next.js, React Native, Node.js, Express.js, PostgreSQL, and MongoDB**. Skilled in RESTful API design, **state management with Redux Toolkit, CI/CD pipelines**, and collaborating with international clients to ship **high-quality, production-ready software**. Passionate about performance optimization, clean architecture, and building products that create measurable business impact.

TECHNICAL SKILLS

Programming Languages:	JavaScript (ES6+), TypeScript, C, C++
Frontend:	React.js, Next.js, HTML5, CSS3, Tailwind CSS, Socket.io
Backend:	Node.js, Express.js, RESTful APIs, Socket.io, Nest.js
Mobile:	React Native, Expo, Nativewind, Cross Platform
Databases:	PostgreSQL, MongoDB
State Management:	Redux Toolkit, RTK Query, TanStack Query, Context API
Integrations:	Stripe, SSLCommerz, AI Chatbot APIs, JWT Authentication, Firebase Auth
Tools & Technologies:	Git, GitHub, Postman, Figma, VS Code, Docker, Linux VPS
Cloud / Deployment:	Vercel, Docker, Linux VPS Setup, AWS

PROFESSIONAL EXPERIENCE

Software Engineer · Join Venture AI · Dhaka, Bangladesh January 2025 – Present

- Architected and delivered scalable full-stack features using Next.js, Node.js, Express.js, PostgreSQL, and MongoDB, reducing page load times by 30% through server-side rendering and API optimization.
- Designed and maintained secure RESTful APIs serving 10,000+ requests/day; implemented Redux Toolkit and RTK Query for predictable, performant state management.
- Collaborated directly with international clients across multiple time zones to gather requirements, present technical solutions, and iteratively deliver features aligned with business objectives.
- Improved SEO scores by 40% through structured metadata, Next.js SSR, web accessibility enhancements, increasing organic traffic.
- Established Git-based code review workflows and agile practices, reducing bug escape rate and accelerating release cycles.

Junior Software Engineer · Innovate International Ltd. · Dhaka, Bangladesh March 2024 – December 2024

- Built and maintained production web applications using React.js, Next.js, Node.js, Express.js, and MongoDB, supporting 5,000+ active users.
- Designed and integrated RESTful APIs enabling seamless communication between frontend and backend, reducing integration issues by 25%.
- Diagnosed and resolved critical performance bottlenecks, cutting average API response time by 35%.
- Participated in full SDLC: requirements analysis, development, code review, testing, and deployment via Git-based CI/CD workflows.

PROJECTS

StreamLab — AI-Generated Movie Studio Next.js, Node.js, MongoDB, OpenAI API, Tailwind CSS

- Developed an AI-powered platform enabling users to generate movie concepts, scripts, and visual storyboards using OpenAI APIs.
- Built a real-time collaboration layer with Socket.io, supporting simultaneous multi-user editing sessions.
- Implemented Stripe payment integration for subscription-based access control.

Simfrie — Virtual SIM Card Management System React.js, Node.js, Express.js, PostgreSQL, REST APIs

- Engineered a SIM card management platform enabling users to activate, manage, and top up virtual SIM cards without physical hardware.
- Designed a secure backend with JWT authentication and role-based access control for admin and end-user flows.

TWSolutions — AI Receptionist Platform Next.js, Node.js, MongoDB, AI Chatbot API, WebSockets

- Built an AI-powered receptionist system capable of handling inbound calls, scheduling appointments, and providing automated responses 24/7.
- Integrated third-party AI voice APIs with a custom dashboard for businesses to configure conversation flows.

SpaAcademy — Learning Management System Next.js, Node.js, Express.js, PostgreSQL, Stripe

- Developed a full-featured LMS with course creation, video streaming, progress tracking, and quiz modules.
- Integrated SSLCommerz payment gateway for course enrollment with automated enrollment confirmation.

EDUCATION

Bachelor of Science in Computer Science and Engineering 2019 – 2023

United International University — Dhaka, Bangladesh

CERTIFICATIONS & ADDITIONAL INFORMATION

- [HackerRank](#) — Problem Solving, JavaScript, Database, SQL, React
- Completed advanced training in React.js, Node.js, and full-stack application development
- Active open-source contributor; portfolio and code samples available at [github.com/nrbnayon](#)