

Md. Fardin Khan

Dhaka, Bangladesh

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SUMMARY

Full Stack Software Engineer with 2+ years of experience building scalable, secure, and high-performance web applications using React.js, Next.js, Node.js, and Nest.js. Skilled in backend architecture, CI/CD pipelines, cloud deployments, real-time systems, and AI agents. Passionate about delivering clean, efficient solutions through automation, microservices, and continuous improvement.

SKILLS

- **Front-end:** HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), Redux, Redux Query, Shadcdn, TypeScript, React.js, Next.js, Vite
- **Backend:** Node.js, Express.js, Koa.js, Nest.js, Prisma ORM, Python, RESTful APIs
- **DevOps & Cloud:** AWS, Google Cloud Platform (GCP), Docker, Microservices
- **Messaging & Queues:** RabbitMQ (AMQP)
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Tools:** Git, GitLab, Agile, Figma, Jira, Payment Gateway Integration

EXPERIENCE

Software Engineer

PIN Sports

Feb 2026 – Now
Dhaka, Bangladesh

- Architected backend services for a sports social platform serving feeds, notifications.
- Implemented feed generation, activity tracking, and notification delivery pipelines.
- Participated in system design discussions, feature planning, code reviews, and Agile development processes.
- Developed user referral, invitation, and community engagement mechanisms to support platform growth.
- Collaborated directly with executive stakeholders, including the CEO and CTO, to gather requirements, discuss product strategy, collect feedback, prioritize features, and translate business objectives into technical solutions.

Software Engineer

Spring Rain Pvt Ltd

May 2025 – Nov 2025
Dhaka, Bangladesh

- Consolidated 5+ unstable microservices into a single production monolith, cutting deployment incidents by roughly 30%

- Implemented JWT/OAuth2 authentication, HTTPS enforcement, secure cookies for payment systems
- Planned a transaction-safe database schema with audit logs and multi-layer caching, decreasing critical transaction failures by roughly 25%
- Worked with product and design to refine requirements for new features, translated them into technical specs, and delivered to production on 2–3 week cycles.
- Spearheaded client-side and server-side caching strategies that increased uptime during traffic spikes (e.g., from 97–98% to 99%+ during campaigns) and reduced peak server CPU usage by about 25–30

Software Engineer

Dec 2023 – Feb 2025

Rokomari

Dhaka, Bangladesh

- Developed a reusable coding framework and shared modules that shortened onboarding time for new developers from around 2–3 weeks to about 1–2 weeks and sped up feature delivery by roughly 20%.
- Upgraded legacy systems to a modern stack, improving system throughput by roughly 2–3x on high-traffic endpoints and enabling smoother handling of seasonal traffic peaks.
- Improved software stability and performance, decreased server latency, and enhanced user experience.
- Led a 2–3 person remote team, maintaining on-time delivery for 90–95% of sprints by running weekly stand-ups and coordinating closely with cross-functional stakeholders.
- Optimized algorithms and caching strategies to lower API latency by around 20–30% and reduce infrastructure costs by an estimated 10–15

PROJECTS

TaskFlow — Full-Stack Project Management Platform

React, TypeScript,

Redux, Node.js, Express, MongoDB, Socket.IO

- Built a real-time Kanban board with drag-and-drop tasks, project membership, comments, and in-app notifications synced via Socket.IO.
- Implemented JWT auth, RBAC (admin/owner/member), REST APIs with Zod validation, and an analytics dashboard with KPIs and workload views.

Distributed Notification System

TypeScript, React, Nest.js, Docker, AWS,

RabbitMQ

Production-ready distributed notification system using NestJS backend with RabbitMQ for Email, SMS, and Push notifications. Features event-driven architecture and reliable message delivery.

- Implemented production-ready distributed notification system with event-driven architecture for Email, SMS, and Push notifications.

Staymate

Next.js, NestJS, Python, Prisma, Tailwind, PostgreSQL

Full-stack hotel booking platform with AI-powered recommendations, and advanced search. Modular NestJS backend with Python ML service.

- Developed full-stack hotel booking platform featuring AI-powered recommendations, Stripe payment integration, and advanced search.

Bangla EduAgent

React, TypeScript, Google ADK, Vite, Python
Bengali educational platform using Google Gemini models for personalized courses, quizzes, and speech-to-text learning materials.

- Built Bengali educational platform leveraging Google Gemini models for personalized courses, quizzes, and speech-to-text learning materials.

EDUCATION

Bangladesh University of Business Technology (BUBT)
B.Sc. in Computer Science and Engineering

Dhaka, Bangladesh
2022 – 2025

CERTIFICATIONS

- 5-Day AI Agents Intensive Course with Google - Kaggle
- Recognition of Contribution – Spring Rain Pvt Ltd (2025)
- Recognition of Contribution – Rokomari (2024)
- Software Engineering Internship Certificate
- Web Development Bootcamp