

Md. Saniuzzaman Robin

Software Engineer

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PROFILE

Software engineer with ~5 years of experience building production-grade web applications and backend systems. I've worked with NestJS to create scalable APIs and microservices, as well as Next.js and Angular to create performant frontends that support millions of people globally.

TECHNICAL SKILLS

- **Frontend Development:** Next.js, Angular, React, Tailwind, RxJS, Zustand, Angular Material, Shadcn
- **Backend Development:** NestJS, .NET (C#), GCP, RabbitMQ, Redis, MongoDB, REST, TDD, SOLID
- **Others:** Git, Postman, Selenium, JMeter, Jest, SEO, Agile, Scrum

PROFESSIONAL EXPERIENCE

Software Engineer

Bitsmedia Pte Ltd.

01/2024 - present

Dhaka, Bangladesh

- Develop and maintain full-stack features using **Next.js** and **NestJS**. Scopes include architecture design, API implementation, testing, UI building, and API integration.
- Integrated caching, **BFF** APIs, and **SSR** optimizations for **Next.js** pages that significantly improved overall security and performance for our public site. Built an admin console from scratch and created many necessary reusable components.
- Designed & implemented scalable backend architecture with proper caching using **Redis**, **MongoDB** indexes, **Google Cloud Pub/Sub** usage between microservices, and efficient querying. Contributed to many core & complex backend features, including prayer times, hijri calendar, wallet, gamification, stories, etc.
- Implemented **SEO** features using **Next.js Metadata API**. Added support for dynamic **sitemaps**, **canonical URLs**, **structured data**, and **OG tags** that resulted in a sharp increase in organic traffic. Integrated **OneTrust**, **gtag**, **gtm**, and ads functionality with **GPT**.
- Conduct regular **code reviews**, provide feedbacks and guide peers with their development.

Software Engineer - L02

KONA Software Lab Ltd.

10/2022 - 01/2024

Dhaka, Bangladesh

- **Coordinated a 4-member development team**, communicated with cross functional teams to plan, execute and deliver features within estimated timeframe. Provided important feedbacks to design team, helped QA's with testing and collaborated with BA's to scope the tasks.
- Spearheaded the development of an Admin Panel with **Angular** for an e-commerce site that managed product inventory, stock, users, orders, statistics, and tickets.
- Maintained **reusable frontend libraries** and created reusable components that greatly improved development efficiency. Managed project architecture including authentication, web-socket, routing, role-based views, dynamic project configuration at runtime, etc.

Software Engineer

SELISE Digital Platforms

03/2021 - 10/2022

Dhaka, Bangladesh

- Developed and maintained **responsive web applications** using **Angular** and **Angular Material**. Worked with all sorts of reactive forms, reusable components, lazy loading, drag and drop, complex UI designs, and state management.
- Created a custom **Selenium wrapper** and automated over 6+ projects, introducing automated testing and increasing regression test coverage. Conducted **load testing** with **JMeter** to identify performance bottlenecks.

EDUCATION

B.Sc. in Computer Science & Engineering

Comilla University

01/2016 - 12/2020

Cumilla, Bangladesh

ACHIEVEMENTS

- Solved 1700+ problems across several online judges such as Codeforces, Codechef, LightOJ, UVA. Codeforces Max Rating 1544 (Specialist).
- Led the CP team and participated in 10+ national level contests including ICPC Dhaka Regional, NCPD etc.
- Judge & Problem setter for several Intra and Inter University Programming contests.