

Md Sabit Islam Bhuiya

A software engineer with a lot of passion in software architecture and design patterns. I work on end to end fullstack development. I am actively working on software development for 5+ years, since 2021

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EDUCATION

B.Sc. in Software Engineering, (2018 - 2023)

IICT, Shahjalal University of Science and Technology, Sylhet, Bangladesh.

SKILLS

Languages: Javascript, Typescript, Python.

Web: Express, Django Rest Framework, NextJs, SocketIO, Angular, Tailwind, MERN.

Databases: MongoDB, PSQL, MySQL, Redis.

Others: Git, AWS, Docker, RabbitMQ, Android Native..

PROFESSIONAL EXPERIENCES: 3+ Years

Senior Software Engineer at JB Connect Ltd. - (04-2026 - present)

- Leading projects to be completed by the team within deadline with balance of speed and quality.
- Did requirement analysis and took engineering decisions.

Software Engineer at JB Connect Ltd. - (04-2025 - 03-2026)

- Designed architecture and developed payment module with stripe which includes one time payment, payment distribution and invoicing.
- Designed a realtime system with AWS Appsync event api such that the whole system could be realtime.
- Worked with multiple AWS services such as AWS SNS, CDK, AppSync, Cloudfront, Lambda, Aurora etc.
- Successfully delivered project from scratch to production using Django Rest API, React, Postgress, AWS, Tanstack Router, Tanstart Query

Software Engineer I, Associate Team Lead at Shellbeehaken Ltd. - (01-2025 - 03-2025)

- Worked with multiple AWS services such as AWS SNS, CDK, AppSync, Cloudfront, Lambda, Aurora etc.
- Developed fullstack payment disbursement systems. Leveraged batch transactions through AWS lambda.
- Worked on micro services and Distributed systems, Shifted a monolith project to microservice architecture.
- Played the role of an associate team lead in a team of 10 engineers.

Associate Software Engineer at Shellbeehaken Ltd. - (08/2023 - 12/2024))

- Developed and implemented real-time messaging systems using Socket.IO for multiple projects, enabling seamless communication for thousands of active users. Implemented support for multiple server instances.
- Developed role based authentication systems. Worked on OAuth, session handling with next-auth.
- Designed and built robust REST APIs with NodeJS to ensure efficient data access and integration.
- Optimized application performance by implementing server-side and client-side caching mechanisms, implemented mechanisms for reducing redundant data fetching api calls to only one, resulting in 3x performance improvement.
- Improved code structures and conventions of the overall projects and encouraged the whole team to write clean code. Trained new interns and trainees.
- Developed AWS Lambda functions to process long running and scheduled tasks.

Intern Software Engineer at Shellbeehaken Ltd. - (02/2023 - 07/2023)

- Learned new technologies like NextJs, React, Express, and MongoDB. Developed multiple personal projects showcasing each technology I have learned.
- Developed robust APIs for multiple live projects. Developed intuitive user interfaces and integrated api.

HACKATHON PROJECTS AND ACHIEVEMENTS

Second at MIST Inter-University ICT Innovation Fest 2021 - [video demo](#) , [source code](#)

- 4-week long hackathon organized by MIST where we developed an Android app with Java that provides different healthcare services. Our stack was Android Native with Java and Firebase FireStore.
- Features: Doctor appointment booking, Blood Bank, Community forum, COVID-19 real-time updates, online medicine shop. I implemented the doctor appointment booking and community forum features.

Fourth at Learnathon 2022 organized by Geeky Solutions - [video demo](#) , [source code](#)

- I was trained by Industry experts on Angular, Dotnet Core, MongoDB, Redis, and RabbitMQ for 16 weeks.
- Built a Chat App and a Social Media App like Twitter using those technologies. Developed micro services. Developed the social media app in an Event driven architecture with RabbitMQ, Dotnet Core, MongoDB and Redis. Used angular 14 for the frontend. Deployed the application to a nginx server.

Seventh at Code Samurai 2022 organized by BJIT and the University of Dhaka - [source code](#)

- Code Samurai is the biggest inter-university hackathon in Bangladesh Organized by BJIT and University of Dhaka.
- Developed a govt project management software that fulfills almost 80% of the given requirements where our Tech Stack was Angular, Dotnet Core, MySQL. I worked with Google Map Integration. Lead the team. Designed solution.

PERSONAL PROJECTS

Twitter With NextJS - [video demo](#) , [source code](#)

- A full stack Twitter like project built with Javascript, NextJS, and raw CSS, MongoDB and NextAuth.
- Implemented authentication with email verification and GitHub OAuth. Other features were creating tweets, and deleting and updating them. Like, comment, and share tweets. Recursive comment and reply structure. Implemented real time messaging with SocketIO. Implemented notification system.

Express folder router - [npm](#)

- A Node package for folder based routing in ExpressJs like NextJs, that works both for CommonJS and ESM.
- Explored file system in node, express middleware, npm package publishing etc.

Fs Router Kit - [source code](#)

- With the experience of building an express folder router, I started working on building a more generic one so that we can use it with multiple frameworks like express, koa, fastify etc. This is still in development.