



# MD. BILLAL HOSSAIN JOY

SOFTWARE ENGINEER

## CONTACT

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## LANGUAGES

TypeScript/JavaScript, C#, C/C++, Python, java, Kotlin, GoLang

## SKILLS

- Frontend:** React, SCSS, Tailwind CSS, Redux, Zustand, Tanstack Query.
- Backend:** Node.js, Express.js, GraphQL, Web socket, NginX, Jest.
- Database:** MongoDB, SQL (Postgres, SQL Lite), Redis, ORM (Prisma, Drizzle).
- Others:** AWS, Digital Ocean.
- Others:** Git, Docker, Linux, Cloudflare, Arduino, AWS, CI/CD.

## EDUCATION

2022 - 2026

Govt. Graphic Arts Institute

- Diploma in Engineering (Computer Science & Technology)

2019 - 2021

Govt. Gazipur Technical School and collage

- Secondary School Certificate
- GPA: 4.93 / 5.00

## LANGUAGES

- English (Intermediate)
- Hindi (Fluent)
- Bangla (Fluent)

## FRAMEWORK

- .Net Core
- Nest.js (Backend)
- Next.js (Full Stack)
- Refine (Frontend)
- FastApi (Backend)
- LangChain ( RAG )
- Vue.js (Frontend)

## EXPERIENCES

### Nyntax

Software Engineer

- Developed and maintained scalable software applications aligned with business requirements.
- Collaborated with cross-functional teams to deliver high-quality, reliable solutions.
- Wrote clean, maintainable code and participated in code reviews to ensure quality.
- Debugged and resolved production and performance issues.
- Contributed to system design and continuous process improvements.

### Freelance Web Developer

Full Stack Developer (Self-employed / Remote)

- Developed full-stack web applications using Next.js, NestJS, and React for multiple clients.
- Built and maintained e-commerce platforms, including payment integration and user authentication.
- Managed projects independently, including client communication, timelines, and deliverables.

## PROJECTS

### Social-App

Next.js, Prisma, Postgres, React Query, Lucia Auth, Shad-cn, Zod etc.

<https://social.billal.space> [billalhossainjoy/nextjs\\_social\\_app](#)

- User can post with image, video etc. View **infinity Scrolling** and like, comment in post. **Notifications** for like, comment, following.
- Profile Update with features available like change profile picture, name bio etc.
- User send **messages**, **share media** files and interact any users.

### GQL ( GraphQL Transaction Management ).

React.js, MongoDB, Express.js, GraphQL, Tailwind Css

[graph-ql-transaction-app.vercel.app](https://github.com/billalhossainjoy/GraphQL_Transaction-app.git)

[billalhossainjoy/GraphQL\\_Transaction-app.git](#)

- User can login his own account, create his transactions, savings, investment and Graph view all type of transaction

### Chat App

Web socket, daisy Ui, Tailwind Css.

[https://github.com/billalhossainjoy/MERN\\_Chat\\_App2](https://github.com/billalhossainjoy/MERN_Chat_App2)

- Complete type safe Mern Chat application.
- User send real-time messages. Send Attachments with messages.
- User can update profile. Create and Update group, new chat etc.