

Hello

I'm Sajjat Hossain

Fullstack Engineer | Software Engineer

Dev.to

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## About Me

I'm a developer who taught myself how to code, and I absolutely love it! I believe that quality is more important than quantity, so I pay close attention to detail when working on projects. I thrive in a team environment because it allows me to learn and grow faster. In my previous experiences, I worked extensively with Next.js, Typescript, and Jest, and I have a basic understanding of Github CI/CD workflows. I'm also comfortable with switching technologies when the need arises. Also, I use Vim (NeoVim) and Arch (Manjaro).

## Skills

- **Languages/Frameworks:** JavaScript, TypeScript, React.js, Next.js, Nest.js, Capacitor.js.
- **Third Party Libraries:** Jotai, Jest, React-Router-DOM, React-Query, Redux Toolkit, Redux Toolkit Query, Turbo Repo, TypeORM, Zod, React Hook Form, RxDB.
- **CSS Frameworks/UI Component Libraries:** CSS3, Tailwind CSS, Material UI, Headless UI.
- **Database:** Postgresql, MongoDB
- **Methodology:** Agile (Scrum).
- **VCS:** Git, Github
- **Familiar with:** Github CI/CD workflows.

## Experience

June 2023 - August 2024 (Development paused)

### Panshilab - Fullstack Engineer

- Building reusable UI components with react.js and typescript.
- Building APIs with Nest.js.
- Building shareable packages in Turborepo.
- Collaborating with team mates.
- Implement local first approach with RxDB
- Helped build the android app using Capacitor.js and Next.js.
- **Technologies:** Firebase • React Hook Form • PostgreSQL • TypeORM • Jotai • Material UI • Next.js • TypeScript • Nest.js • Turborepo • Zod • React Query • Capacitor.js • RxDB

November 2022 - Present

### Prayers Connect, NYC, NY, USA- Team Lead, Project Web (Volunteer)

- Helping hire interns, guiding them and training them.
- Working with team-mates.
- **Technologies:** Jest • Jotai • Material UI • React Query • Next.js • TypeScript

August 2022 - June 2023

### Airwrk, Dhaka, Bangladesh - Frontend Engineer

- **Key responsibilities:**
  - Building UI interfaces with React.js .
  - Code review.

- Maintaining clean code structure.
- Helping out team members when they're stuck.
- **Things to note:**
  - I've set the repository folder structure and coding conventions.
  - Built custom hooks and modules (e.g API handlers, file handlers, etc) / utility methods.
  - Implemented and maintained Redux Toolkit Query to handle fetching data.
  - Implemented and maintained the Redux Toolkit store.
- **Technologies:**
  - **Common**
    - Git/Github
    - Formik
    - Tailwind CSS
    - TypeScript
    - Tanstack table
  - **Main Site**
    - React.js
    - React Router DOM
    - Redux toolkit
    - Redux Toolkit Query
  - **Dashboard**
    - Next.js
    - React Query
    - Zustand

March 2022 - November 2020

**Prayers Connect, NYC, NY, USA- *Software Engineer (Volunteer)***

- Developing UI interfaces, writing tests etc.
- Working with team-mates, guiding newcomers.
- Involved with the intern hiring process, reviewing projects & interviewing them.
- Involved with the QA team.
- **Technologies:** Jest · Jotai · Material UI · React Query · Next.js · TypeScript

October 2021 - March 2022

**Prayers Connect, NYC, NY, USA- *Software Engineer Intern***

- Developed reusable UI components using **Next.js** & **TypeScript**. Reviewed codes. Some of the significant ones are:
  - Integrated google maps api and created a map without using any google map library built for the React.js ecosystem.
  - Fixed bugs.
  - Added SSR for the pages.
  - Reviewed codes on the daily basis, whenever there was/were any.
- Worked in an agile environment.
  - Followed agile workflows.
  - Attended weekly retrospective meetings.
- I was involved in and responsible for writing unit tests, actively working with team-mates.
  - Wrote unit tests for the components.
  - I was also involved with the QA team.
  - Helped my team to unblock themselves if there was any.
- **Technologies I got exposure to:** Sentry, Jest, React-query, Test-rail, Github CI/CD

## Projects

### Posinic

- **Technologies:** Next.js, TypeScript, Jotai, React-query, Nest.js, Typeorm, Postgresql, Material UI, Turborepo, Zod, React Hook Form.  
[Live Link](#)

### Airwrk

- **Technologies:** React.js, Redux Toolkit, TypeScript, Redux Toolkit Query, Tailwind CSS, Yup, Formik.  
[Live Link](#)

## Blogs

**RTK Query:** Make fetching and caching data effortless.

- RTK query which is the short form of Redux Toolkit Query is a data fetching and caching library that comes bundled with Redux Toolkit....

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**RTK Query:** Let's go beyond minimal setup.

- Here's how you have to configure your store to use Redux Toolkit Query in conjunction with your global states.....

[Dev.to](#)

[PrayersConnect](#)

## Education

January 2019 - January 2023

**Ranada Prasad Shaha University, Narayanganj, Dhaka, Bangladesh - BSc in CSE**

## References

**Ahasan Kabir** - Senior Software Engineer, IBM

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