


Afshin Nahian Tripto

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 triptex.me

Software Engineer

Profile | The joy of learning always thrills me. I am a responsible and enthusiastic person who loves to take the product ownership. I am proficient in TypeScript/JavaScript with a strong foundation in front-end and back-end technologies. Passionate about AI & Retrieval-Augmented Generation (RAG) applications

EDUCATION

M.S. Computer Science

United International University, Bangladesh
GPA: 4.00* (Currently pursuing)

B.S. Industrial Engineering

Bangladesh University of Textiles, Bangladesh
GPA: 3.75

EXPERIENCE

Software Engineer, REDQ

Apr, 2024 – Present

Tech Stack: Typescript , Next.js, React, Node.js, Redis, Kafka, PostgreSQL

■ Product: TrueBeep (AI powered all-in one marketing platform)

- Used next generation React features like **RSC(React Server Components)**
- **Next.js App Router & Server Actions** were used to handle routing and network communications
- Implemented integrations with various **social media, digital asset sharing** platforms (e.g. Facebook, Instagram, TikTok, Canva, Google Drive Unsplash, Pexels, Pixabay)
- Event based queuing was achieved using **Redis & Kafka**
- Focus on type-safety using **TypeScript**
- Achieved dynamic and responsive UI/UX using **Tailwind CSS**

Full Stack Engineer, Provision Capital (Part Time)

Apr, 2024 – Present

Tech Stack: Typescript , React, Refine , Strapi, Next.js, MySQL

■ Product: Bynderz(Task management application catered towards hotel industry)

- Implemented Kanban based task management using **AntD** and **React**
- Various CRUD operations related API integration with **Strapi CMS**
- Implemented **Google SSO** and **JWT** based authentication

■ Product: JFloor(Jewelry auction platform)

- Used next generation React features like **RSC(React Server Components)**
- **Next.js App Router & Server Actions** were used to handle routing and network communications with **Strapi CMS** backend
- Achieved dynamic and responsive UI/UX using **Tailwind CSS & Shadcn/UI**

■ Product: Habbah(Automatic charity donation platform)

- Implemented robust and user-friendly dashboard using **AntD** and **React**
- Various CRUD operations related API integration with **Strapi CMS**
- Implemented **Google SSO** and **JWT** based authentication

Frontend Developer, Edison Communication

Jun, 2023 – Apr, 2024

Tech Stack: Next.js, React, Typescript, Node.js

■ Product: WebManza(Drag & Drop E-Commerce Builder)

- Implemented SEO friendly adjustments using **Next.js** rendering features like **SSR**
- Emphasis on robust caching & networking system using **Redux & RTK Query**
- Various E-commerce specific API implementation and feature development
- Focus on next-gen **React & Next.js** Features (**RSC, SSR** etc.)
- Used **Strapi CMS** as a headless CMS for small to medium portfolio sites

JavaScript Developer, Delivery Hobe

Oct,2021 – May,2023

Tech Stack: Next.js, React, Typescript, Node.js

■ Product: DeliveryHobe (E-Commerce)

- Emphasis on **modern React** principles (hooks, functional components and reusable components)
- Handled application state using **Redux**
- Developed robust routing structure using **Next.js**

■ Product: AdsHobe (B2B Platform for Ads)

- Designed the ground up architecture of the frontend (**Next.js**)
- Emphasis on type safety using **TypeScript**
- Handled frontend user authentication using **JWT & Redux**
- Emphasis on **modern React** principles (hooks, functional components)

■ Product: Admin Panel

- Implemented custom order feature
- Implemented voice order feature
- Numerous UI/UX issues were resolved

■ Product: Rider App

- Made an app for the delivery mans using **React Native**
- **Redux** was used for managing the state

Founder, BUTEX NoteBot

Sep,2018 - Present

Tech Stack: JavaScript, Node.js, MySQL

■ Product: BUTEX NoteBot(Chatbot)

- Designed the whole backend architecture using **Node.js & Express**
- Implemented **webhook** based chatbot functionality using **messenger platform SDK**
- Developed analytics API and persisted them in **MySQL** database

■ Product: BUTEX NoteBot(Web)

- Designed and developed the web interface for BUTEX NoteBot using **React** and **Tailwind CSS**

OPEN-SOURCE CONTRIBUTIONS

■ simple-messenger-blocks

This NPM package generates common messenger chatbot blocks(buttons, texts, images, cards, grouped button containers)

■ ts-stats

Helpful utility functions for basic statistical operations for JavaScript/TypeScript

■ bang-utils

Lightweight JavaScript/TypeScript utility library for converting English numerals and dates to Bengali

CERTIFICATIONS

■ Introduction to SQL, Simplilearn

■ Operations Management, Udemy

SKILLS

Technical Skills

- **Languages:** TypeScript, JavaScript, Python, Java
- **Frontend:** Next.JS, React
- **Backend:** Node.js, Nest.js, Strapi JS
- **Databases:** MySQL, PostgreSQL
- **Mobile:** React Native
- **CI/CD:** Docker, GitHub Actions, Render, Netlify, Firebase, Supabase, AWS
- **CMS:** Strapi, WordPress
- **Others:** Framer Sites, WebFlow, Microsoft PowerPoint

Soft Skills

- Good communication & leadership skills
- Fluent in English
- Team player