

# ADIAT HASAN

## Senior Software Engineer

☎ +8801729143339   @ adiathasan.me@gmail.com   🔗 <https://linkedin.com/in/adiathasan>   📍 Dhaka, Bangladesh

### WORK EXPERIENCE

#### Senior Software Engineer

##### Bluetech solutions

📅 11/2021 - Present   📍 Dhaka BD

🔗 <https://bluetechbd.com>

- Architected the client side of the [bdtickets](#) app [Next Js]
- Improved page load speed by cutting off 10s latency
- Saved 1000+ hours by adapting new patterns for effortless integration of API's by autogenerating type-safe CRUD hooks and more
- Developed end-to-end type-safe data transfer relation where all the client code is autogenerated from a config with a mono-repo architecture
- Tech stack - Typescript, React, Node, Next, Redux, Nest.Js

#### Software Engineer | Frontend

##### Xen Works

📅 08/2021 - Present   📍 Dhaka, BD

🔗 <https://xen.works>

- Provided scalable solutions for UIs that amplified 10x productivity for the team
- Saved 1000+ hours by adapting new patterns for effortless integration of API's by autogenerating type-safe CRUD hooks and more
- Decision-making to further improvement of code quality and performance
- Tech stack - Typescript, React, Node, Next, Redux, React-query

#### Software Engineer | Frontend

##### Now Delivery & Munchies

📅 01/2020 - 07/2021   📍 Dhaka, BD

🔗 <https://now.com.bd>

- Increased query efficiencies by 20% in graphql, for the client side of logistics apps
- Made the technical decisions by consulting with our tech lead to improve the quality of the projects
- Worked on Rider tracking mobile app in React Native which escalated delivery efficiency by 20%
- Tech stack - Typescript, React, Node, React Native, Redux, Next, GraphQL

### EXPERTISE

JavaScript	Typescript	Node	React	Next.Js	Nest.Js
Redux	MongoDB	Postgres	AWS	Docker	GraphQL

### EDUCATION

#### Computer Science

##### University of The People

📅 2020 - Present   📍 USA (Online)

#### Architecture

##### Khulna University

📅 2018 - 2019   📍 Khulna, BD

### CERTIFICATIONS

Epic React by kent C. Dodds

Hackathon - Hack The Verse

### OPEN SOURCE PROJECTS

#### MUI React Hook Form Plus

🔗 <https://shorturl.at/cjKU7>

Performant type-safe **form** solution for enterprise React with Material UI and React Hook Form

- Stars in Github ~**60**, ~**200** weekly downloads in NPM
- Achieved 100% end-to-end type-safe form state management for React apps
- Implemented utilities which reduces extra effort to manage states and enhanced productivity by 10x
- Achieved effortless form validation, which will save 100+ hours coding & debugging

#### React Store Maker

🔗 <https://github.com/adiathasan/react-store-maker>

Type safe performant Context's in React apps

- Stars in Github ~**15**, ~**55** weekly downloads in NPM
- Simplified & 10x optimized contexts with less boilerplate code
- End-to-end typesafe stores for global/local state management with the Context API approach in React
- Provides great developer experience and simplifies the process

#### Nest Reactor

🔗 <https://github.com/adiathasan/nest-reactor>

Auto generated **typescript** SDK for React based client apps for fetching data from Nest.Js server

- Stars in Github ~**6** & still in development for alpha
- Achieved end-to-end type safety for both Nest.Js and React & Next which reduced 20% typescript code
- Implemented mono-repo architecture, where client and server will share codes and reduces code by 10%

#### React Step Machine

🔗 <https://github.com/adiathasan/react-step-machine>

Hooks based multi step wizard, made for React apps

- Stars in Github ~**12**, ~**50** weekly downloads in NPM
- Provides vast control over the logic of the user as per usecase. Simpler than other step wizards out there
- Follows best practices and design patterns which are scalable for any kind of React project

#### Khulna Shop

📅 05/2020 - 07/2020

🔗 <https://github.com/adiathasan/e-commerce-mern>

**AI** powered Multi-vendor e-commerce system for different seller using **MERN** stack

- Free 100 shops for each account out of the box
- Integrated AI powered **voice command** system
- Live: <https://khulna-shop.onrender.com>
- Tech stack - Javascript, React, Redux, Node.Js, Express