

MOINUL HOSSAIN

Web Application Developer

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Technical Skills

Languages: TypeScript | JavaScript | C | C++ | SQL | HTML

Frameworks/Libraries : Next.js | React | Redux | Express | NestJS | Tailwind CSS | Bootstrap | SCSS | Twilio | Keycloak

Other Tools: Git | Docker | Linux | CI/CD(basics)

Experience

TiBx LLC(Remote - Part Time)

August 2022 – July 2023

Junior Software Engineer - React

Virginia, US

- **Tirade Call Center:** Built a call center web application for performing audio call, video call, conference call, messaging and managing users. Utilized **React, Redux, Redux Saga, Twilio, Keycloak** etc.
- **Ascalon Health:** Worked in Ascalon Health web application which is responsible for managing health details of different products of TiBX. Worked closely with backend developers to ensure seamless integration of frontend and backend
- Participate in continuous integration and deployment (CI/CD) process to ensure smooth and automated Deployment of code changes.
- Explored ways to visualize and send a daily report of test results to team members on React.

Projects

stuRENT

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- Developed a robust authentication system with manual registration, JWT-based authentication, and Google OAuth integration using **Next.js, TypeScript, and Google OAuth**.
- Implemented dynamic filtering options for room type, gender, and university, along with pagination for listing management, utilizing **Redux Toolkit, RTK Query, and Tailwind CSS**.
- Created a fully responsive user interface with **Dark** and **Light** mode options, ensuring an optimal user experience across devices, built with **Shadcn and Tailwind CSS**.

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- Implemented manual login and social media authentication using **OAuth** protocols with Google, Facebook, and GitHub, ensuring secure and easy access.
- Enabled users to search for GitHub profiles and retrieve detailed information using **React, Context API** including repositories, followers, and languages used, utilizing GitHub's free API.
- Integrated **FusionCharts** to create interactive and visually appealing charts and graphs, providing insightful data representations of user repositories and activities.

Daily Shop | A FullStack Ecommerce Website

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- Implemented registration, JWT authentication, and Google OAuth2 using **React, TypeScript, and Redux Saga**.
- Enabled dynamic product browsing with detailed views, categories, and subcategories. Implemented wishlist functionality to allow users to save products for future purchases.
- Developed role-based access with **NestJS, JWT, and Bcrypt**; managed inventory with **TypeORM and MySQL**; documented APIs with **Swagger**.
- Developed order workflows with **Stripe** integration and cash-on-delivery.
- Utilized **Docker** for containerization and deployment of both frontend and backend applications.

Education

Northern University Bangladesh

August 2021 – Present

Bachelor of Science in Computer Science and Engineering

CGPA: 3.74 out of 4 (upto 9th semester)

Milestone College

July 2018 – May 2020

Higher Secondary School

GPA: 4.56 out of 5

Others

- Solved **200+** problems on competitive programming platforms, demonstrating proficiency in **Data Structures** and **Algorithms**.
- Profile Links: [Codeforces](#) | [Hackerrank](#)