Saniz **Momin**

SOFTWARE DEVELOPER

Toronto, ON

📱 (+1) 647-554-4173 | ✉ mominsaniz@gmail.com | 🏠 sanizmportfolio.vercel.app | ⬛ sanizm | in sanizm

Education

York University   *Toronto, ON*

BSC IN COMPUTER SCIENCE   *Jan. 2020 - May. 2022*

- Awarded Scholarship of merit for demonstrating excellence in computer science courses.

Skills

Languages	Java, HTML, CSS, Javascript, Typescript, C, Assembly, Fortran
Front-end	HTML5, CSS3, SASS, ReactJS, NextJS, Bootstrap, Materialize
Back-end	NodeJS, Express, Socket.io, Sanity, Web API, User Authentication, OAuth, JSON, REST
Databases	MySQL, PostgreSQL, MongoDB, Mongoose
Tools	Visual Studio Code, Intellij, Eclipse, Git, Linux, Inkscape, jira

Projects

TechnoShop

(TECHNOSHOP.CA)

- A fully functional web-based eCommerce application that displays electronic products, their prices, reviews, quantity to add and payment functionality integrated using Stripe.
- By using the server-side rendering functionality of NextJS I achieved efficiency in rendering the webpage pre-loaded with electronic items to display which lead to better Search Engine Optimization (SEO).
- State-wide management of entire application using React Context API to get the latest state of the user actions on selected pages.
- Used Sanity for managing entire content of the application.

AlgoVisualiser

(ALGOVISUALISER.EDU)

- A multipage (SPA) application that visualises sorting algorithms such as InsertionSort, BubbleSort, MergeSort, QuickSort and path-finding Algorithm such as Dijkstra Shortest Path.
- This website allows user to reduce the visualisation speed of this algorithms according to the size of elements.
- Used hooks such as useRef, useEffect, useState and maintained app wide state management using Context API for giving clear visualisation of the algorithm.

NyMeals

(NYMEALS.CA)

- Fully responsive Food Ordering Application that allows to add food items to the cart, increase their quantities and store the purchase of items on a database.
- Used React best practices maintaining state-wide management, fetch data from the database using firebase with the help of hooks such as useEffect.
- Authentication is added to the application in order to protect user data while storing it to the database and accessing.

Other Experience

Wireless+   *Mississauga, ON*

SALES ASSOCIATE   *feb. 2020 - Present*

- Processed cash and credit payments as a cashier, using point-of-sale (POS) systems.
- Interact with over 100 devices (computers phones) a day and satisfy customer needs.
- Assisted customers with computer and electronic purchases in a high-volume store.
- Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.
- Ensured a clean work area while processing item stock and completing mark downs.

York University   *Toronto, ON*

PASS LEADER   *May. 2020 - Aug, 2020*

- Peer-Assisted Study Sessions (PASS) are weekly group-learning sessions for difficult courses facilitated by a "PASS Leader"–a student who has completed the respective course in a previous term with an A or A+.
- Conducted weekly group learning sessions for MATH 1013 which is a Calculus course where I helped students collaborate, develop learning strategies and prepared them for exams.