

MUHAMMAD ABDULLAH

📞 647-551-2023

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🌐 cpluspluswiz

📁 portfolio

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript, TypeScript, C/C++

Technologies: React, Express, Node.js, MongoDB, NextJS, MaterialUI

Tools: Git, Bash, Postman, Firebase

WORK EXPERIENCE

MarketBox 🏢 **Front-End Engineer** 📍 **Toronto, ON**

Sep 2021 – Dec 2021

- Enhanced the UX and UI of the admin site using **ReactJS** and **MaterialUI** which resulted in the site being more intuitive and user friendly and was highly appreciated by our clients.
- Implemented a Booking filtration feature which allowed service providers to filter Bookings by Booking Status and Booking date which saved Providers several minutes each time they searched for Bookings.
- Enriched Provider portal with various features such as export Bookings, allowing clients to set up virtual meeting rooms, view past and future orders etc.
- Refactored and restructured code resulting in cleaner, more readable code and reduced overall codebase by **15%**.
- Diagnosed and fixed over **50 Bugs** throughout the auth and public sites to improve the functionality and reliability of the application.

Thinktum Inc. 🏢 **Full Stack Engineer** 📍 **Waterloo, ON**

Jan 2021 – Apr 2021

- Worked closely with the development team under an agile scrum environment to develop the front end and back end of a life insurance web application.
- Developed various API endpoints to create features which allowed the web app to fetch and then display PDFs, download PDFs, verify phone number and postal code, acknowledge life insurance policies etc.
- Integrated web application with various external APIs such as **Twilio**, **Google ReCAPTCHA** and other services.
- Worked with the UX/UI team to create a clean and intuitive front end for customers using **ReactJS**.
- Reduced Bugs and errors by writing extensive unit and integration tests for all new features that were implemented.

Axsium Group 🏢 **Automation Test Lead** 📍 **Toronto, ON**

May 2020 – Aug 2020

- Worked together with the software engineers to review the design of new features, develop well-thought-out test cases, and test the quality of the web application. Tests were developed using **Ruby**, **Selenium Webdriver**, **Cucumber**, and **Gherkin**.
- Optimized and enhanced the entire automated test suite to run 3x faster by implementing a program that runs scripts in parallel. This cut runtime from **24 to 8 hours** which was extremely appreciated by the team.
- Developed test scripts for Android and IOS applications using **java**, **maven**, and **Appium**.
- Analyzed, generated reports, and provided feedback to the team throughout the entire development process to ensure a highly functional and bug-free product.
- Quickly learned and adapted to all the various tools and technologies that were introduced in this challenging and high-paced work environment.

PROJECTS

🔗 **Sorting Algorithms Visualizer** 📄 visualizealgorithms.netlify.app 📄 *ReactJS, Typescript, HTML5*

CSS3

- Designed a web application using **ReactJS** to help visualize various sorting algorithms to give a better intuition of underlying logic with features such as speed and array size adjustment.
- Algorithms implemented are: Bubble Sort, Quick Sort, Heap Sort.

🔗 **Real Time Chat App** 📄 react-chatjs.netlify.app 📄 *ReactJS, JavaScript, Firebase, NextJS,*

CSS3, HTML5

- Developed a real-time messaging application using **NextJS** and **Firebase** secured by **Google Authentication**.

EDUCATION

BAsC, Computer Engineering, [University of Waterloo, Waterloo ON](#)