Ahmed Habeila (He/Him)

Front-end Web Developer

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📍 North York, ON, Canada

🔗 Portfolio   in LinkedIn   🗘 Github

CAREER OBJECTIVE

Highly motivated software engineer with 5 years of professional experience as a web developer and flexibility to work on any stack. Strong understanding of **React**, **Typescript**, **HTML/CSS** and web development fundamentals. Excellent interpersonal skills to work with a team and clients. Looking to secure a position in a reputable progressive organization to expand my learnings, knowledge, and skills in web development, mainly in front-end development using React.

Worked on various projects and dived into a lot of concepts of front-end development, from content-driven websites focused on accessibility and SEO to data-driven web apps with complex forms, data-rich charts and tables, reusable UI components and design systems.

WORK EXPERIENCE

Senior Front-end Web Developer
Calqulate

November 2020 - January 2023

Led a team of 5 front-end developers in the process of creating and maintaining features while setting design system standards for the design team to follow.
Built and maintained different libraries in a monorepo for tables, charts and reusable UI components.

Projects:

Calqulate: A financial tool for modern SaaS organizations that
- Collects data from multiple sources and automatically generates reports on finances, growth metrics, cashflow forecasting, cash management, customer growth and churn, multi-source subscription management and more.
- Features complex editable tree tables with fixed columns, sticky headers and advanced styles, interactive data rich charts.
- Integrates with most known major accounting and subscription software like Stripe, Procountor, QuickBooks and Xero.

Achievements
- Built a proprietary charts library using D3.js with 10 different types of charts with animations, interactive tooltips, legends and placeholders with randomly generated data'
- Created front-end monorepo architecture, including 2 apps and 5 independent libraries
- Built a library for performant editable tree tables with fixed columns, virtual sticky headers and advanced styles
- Built a responsive app layout with Atlassian-like collapsible drawer and mobile menu
- Built time selectors and filters that follow a global state design pattern and sync with the URL
- Built an integration with Stripe for the users to pay for subscriptions
- Built a proprietary types SDK to ensure API type safety between front-end and back-end

Technologies used
React   TypeScript   Material UI   Sass   Styled components   react-hook-form   Zod   D3.js   Storybook   Hasura   Stripe API   GraphQL   react-query   Auth0   Turborepo   Sentry   Hasura   AWS

My responsibilities
Front-end Web App   Back-end API Types SDK

Full-stack Web Developer
Coformatique

May 2020 - November 2020

Worked as a full-stack web developer on varying projects in this warehouse company, using different sets of technologies. Gained experience in accessibility, pixel perfect UI, responsive design and SEO.

Projects:

BMW Foundation: Built this website from the ground up until it went live, it's an informative website of the BMW Foundation's mission, plans and events. The website features advanced accessibility features and multi-language routing.

Technologies used
React   Gatsby.js   TypeScript   Material UI   JSS   Multi-language Routing   Responsive UI   i18next   Axios   Wordpress

My responsibilities
Website (front-end)

TwentyThirty: An online magazine managed by the BMW Foundation inspiring a just and sustainable future in alignment with the UN 2030 Agenda.

Technologies used
React   Gatsby.js   TypeScript   Material UI   Responsive UI   JSS   Axios   Wordpress

My responsibilities
Website (front-end)

Educational platform: An educational platform where professors can upload and schedule lectures to different classes, automatically create and share Zoom meeting links after a lecture have been seen by all the students to discuss it, create assignments, quizzes and grade students. We built two mobile apps for Android and iOS, an admin dashboard where professors can manage lectures, send emails with grades to students' parents.

Technologies used
Firebase   Express.js   TypeScript   Sendgrid   React   Material UI   JSS   Formik   Yup   Axios

My responsibilities
Back-end (Firebase)   Admin Dashboard (front-end)

Full-stack Web Developer
Haya Solutions Inc.

May 2018 - May 2020

Projects:

Netjeek: Built an eCommerce trans-shipping system designed to facilitate the purchase and delivery of goods to countries where customers can't place an order to international e-retailers directly.

Achievements
- Built an integration with Google maps where the user can pinpoint their delivery location on the map with automatic location detection
- Built an integration with Stripe for the users to pay for shipments
- Built the front-end app
- Did a system analysis defining APIs with all the possible responses
- Created a mock API with example responses for each end point, with a configurable front end to change between possible status codes
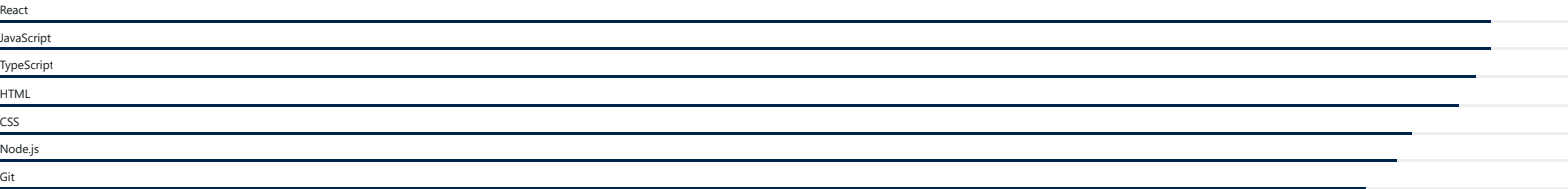
Technologies used
React   JavaScript   Material UI   JSS   Express.js   Global State with React hooks   Stripe API   i18next   Axios   JWT   Google Maps   JSDoc   Enzyme   Python

My responsibilities
eCommerce Website (front end)   System Analysis   Mock API creation

SKILLS & TOOLS

React

JavaScript

TypeScript

HTML

CSS

Node.js

Git

SCSS/Sass   Styled components   JSS   Material UI   Ant Design   Tailwind CSS   Responsive UI

Webpack   D3.js   DevExpress   i18next   JSDoc   Redux   Redux-Toolkit   Zustand   react-query   Auth0

PostgreSQL   GraphQL/Apollo   Express.js   MongoDB   Firebase   Unit Testing

GitHub   BitBucket   Agile   Jira   CI/CD

Python   Solid JS   C++   Vue.js   Next.js

LANGUAGES

English (Fluent)
Arabic (Native)

EDUCATION

Bachelor's Degree of Computer Science and Automatic Control
Faculty of Engineering - Tanta University
2014 - 2019

GRADUATION PROJECT

An Express-like C++ web application framework 🗘
A simple-to-use web development framework with an easy syntax inspired by Express.js that lets developers build full-fledged back-end multi-threaded API servers and connect it to the desired database in C++ that also supports middleware.

C++17   CGI   Apache   Multithreading   Linux

SELF-TAUGHT COURSES

Mastering React (by Mosh Hamedani)
Node.js - The Complete Guide to Build RESTful APIs (by Mosh Hamedani)
Vue - The Complete Guide (w/ Router, Vuex, Composition API) (by Maximilian Schwarzmüller)
CSS - The Complete Guide (by Maximilian Schwarzmüller)
Master C++ and OOP (Learncpp.com)
Introduction to Game Development Specialization (Coursera)