Ahmed Habeila

Front-end Web Developer

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○ Github   in LinkedIn   ▣ Portfolio

ABOUT

I am a software engineer with strong analytical and problem-solving skills. I have 5 years of professional experience, mainly in front-end development using **React**.

I 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

Front-end Web Developer   Calqulate
November 2020 - January 2023

Working full-time for more than two years on this project, I led a team of 3 to 4 front-end developers in the process of creating and maintaining features while setting design system standards for the design team to follow.
I have led other developers, performing code reviews and enforcing certain patterns, project-specific standards and **best practices**. My biggest responsibility in this project was to create and maintain different libraries in a monorepo for tables, charts and reusable UI components.

Projects:

Calqulate: A financial tool for modern SaaS organizations that 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. Collects data from most known major accounting softwares.

Technologies used

| React | TypeScript | Material UI | Sass | Styled components | react-hook-form | Zod | D3 | Hasura | Stripe Payment Gateway | GraphQL |
| Auth0 | Turborepo | Sentry | Hasura | AWS |

What I worked on

| Front-end Web App | Back-end API Types SDK |

Full-stack Web Developer   Coformatique
May 2020 - November 2020

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

Projects:

BMW Foundation: I 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 | TypeScript | Material UI | JSS | Multi-language Routing | Responsive Design | I18Next | Axios |

What I worked on

| 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 | TypeScript | Material UI | Responsive Design | JSS | Axios |

What I worked on

| 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 |

What I worked on

| Back-end (Firebase) | Admin Dashboard (front-end) |

Full-stack Web Developer   Haya Solutions Inc.
May 2019 - May 2020

Projects:

Netjeek: First project I've worked on that's went live, it's 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.
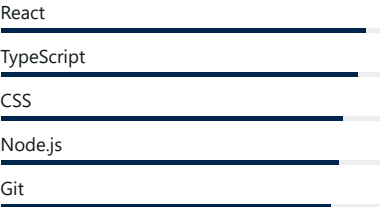
Technologies used

| React | Javascript | Material UI | JSS | Express.js | Global State with React hooks | Stripe Payment Gateway | I18Next | Axios | JSON Web Token |
| Google Maps | JSDoc | Jest Enzyme | Python |

What I worked on

| eCommerce Website (front-end) | System Analysis | Mock API creation |

SKILLS & TOOLS

React

TypeScript

CSS

Node.js

Git

| HTML | Javascript | Express.js | Responsive Design |
| GraphQL |
Jira	Next.js	JSS/Styled components
Data fetching	Localization	Forms & validation
Global State Design	Code documentation
Firebase	MongoDB	Postgres	Unit Testing
Solid JS	Vue	Python	C++

LANGUAGES

English (Fluent)

Arabic (Native)

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)

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 |