






Ahmed Habeila

Front-end Web Developer

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 Github  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

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Front-end Web Developer

November 2020 - January 2023

Working full-time for more than two years on this project, I 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. My biggest responsibility in this project was to create and maintain different libraries in a monorepo for tables, charts and reusable UI components.

Projects:

Calculate

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.

Technologies used

ReactTypeScriptMaterial UI SassStyled componentsreact-hook-formZodD3HasuraStripe Payment GatewayGraphQLAuth0TurborepoSentryHasuraAWS

What I worked on

Front-end Web AppBack-end API Types SDK

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Full-stack Web Developer

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

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

ReactGatsbyTypeScriptMaterial UIJSSMulti-language RoutingResponsive UII18NextAxios

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

ReactGatsbyTypeScriptMaterial UIResponsive UIJSSAxios

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

FirebaseExpress.jsTypeScriptSendgridReactMaterial UIJSSFormikYupAxios

What I worked on

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

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Full-stack Web Developer

May 2019 - May 2020

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.

Technologies used

ReactJavascriptMaterial UIJSSExpress.jsGlobal State with React hooksStripe Payment GatewayI18NextAxiosJSON Web TokenGoogle MapsJSDocJest EnzymePython

What I worked on

eCommerce Website (front-end)System AnalysisMock 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

CI/CD

Firebase

MongoDB

Postgres

Unit Testing

Solid JS

Vue

Python

C++


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++17CGIApacheMultithreadingLinux

SELF-TAUGHT COURSES

Mastering React (by Mosh Hamedani)
Nodejs - 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)