

# Ahmed Habeila

## Front-end web developer

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🐙 Github   [in](#) LinkedIn   📁 Portfolio

### ABOUT

I am a senior software engineer with 4 years of experience. My work extends from system design and analysis to complete implementation, but front-end web development is where my passion truly lies working with React, Vue and Solid.js.

### WORK EXPERIENCE

#### Front-end Web Developer

November 2020 - January 2023

[Calqulate](#)

Working as a full-stack web developer in varying projects using different sets of technologies. I've gained the most experience working here, tackling more challenging problems.

##### 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. My biggest responsibility in this project is to create and maintain different libraries in a monorepo for tables, charts and reusable UI components

##### Technologies used

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

##### What I worked on

Front-end Web App

#### Full-stack Web Developer

May 2020 - November 2020

[Coformatique](#)

Working as a full-stack web developer in varying projects using different sets of technologies. I've gained the most experience working here, tackling more challenging problems.

##### Projects:

BMW Foundation: Built this website from the ground up until it went live, it's an informative website of the 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   118Next   Axios

##### What I worked on

Website (front-end)

TwentyThirty: Built this one also from the ground up, it's 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, 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

May 2019 - May 2020

[Haya Solutions Inc.](#)

Developer

### SKILLS & TOOLS

TypeScript

React 18

Material UI

Node.js

Git

Jira   JSS/Styled components   Data fetching

Localization   Forms & validation

Responsive Design   Unit Testing   JSDoc

Global State Design

Express.js   Firebase   MongoDB   JWT

JS/HTML/CSS   Python   C++   Vue   Solid JS

### LANGUAGES

Arabic (Native)

English (Fluent)

### 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

#### 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

## Projects.

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

What I worked on

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