

# Ahmed Habeila

## Software Engineer

HabeilaAhmed@gmail.com

(647) 979-0872

Portfolio LinkedIn Github

### SUMMARY

Highly motivated software engineer with 5 years of professional experience as a web developer with flexibility to work on any stack. Strong understanding of **React**, **Typescript** and web development fundamentals.

### WORK EXPERIENCE

Software Engineer – Quint  
January 2023 - March 2023

Quint Blog

Collaborated with a team of 4 to launch blog website in 1 week

Achieved 100% Lighthouse score with optimized SEO and accessibility

Astro

Solid.js

TS Typescript

Tailwind CSS

Next.js

Disqus

GitLab

RDfa

Quint Staking Web App

Built fully accessible, responsive website with light/dark themes

Created UI component library based on Radix UI design system and documented on Storybook

React

Next.js

TS Typescript

Radix UI

Tailwind CSS

Web 3

Storybook

GitLab

Software Engineer – Calqulate  
November 2020 - January 2023

Calqulate

Led team of 4 front-end developers to create and maintain features and set clear design system standards

Developed front-end monorepo architecture with 2 apps and 5 independent libraries

Developed a proprietary charts library using D3.js with 10 different types of charts with animations, interactive tooltips, legends and placeholders with randomly generated data

Built performant editable tree tables with fixed columns, virtual sticky headers, and advanced styles

Built time selectors and filters that follow a global state design pattern and sync with the URL

Integrated Stripe for subscription payments

Developed proprietary types SDK for API type safety

React

TS TypeScript

Material UI

Turborepo

Sentry

AWS

Sass

Styled components

react-hook-form

Zod

D3.js

Devexpress

Storybook

Hasura

S Stripe API

GraphQL

react-query

Auth0

Software Engineer – Coformatique  
May 2020 - November 2020

BMW Foundation and TwentyThirty

Launched two responsive websites with keyboard navigation and screen reader support

Created accessibility menu with high contrast mode, dyslexia-friendly font, and animations toggle

Integrated Google Tag Manager and followed SEO best practices

React

Gatsby.js

TS TypeScript

Material UI

JSS

Multi-language Routing

Responsive UI

i18next

Wordpress

Twitter API

Instagram API

Facebook API

YouTube API

Google Tag Manager

Educational platform

Built back-end API with Express.js and Firebase for authentication, file uploads, emails, and database queries

Integrated Zoom for automatic meeting link creation and email sending to students

Built admin dashboard for lecture management and grade emailing to parents

Firebase

Express.js

TS TypeScript

Sendgrid

React

Material UI

JSS

Formik

Yup

Zoom API

Software Engineer – Haya Solutions Inc.  
May 2018 - May 2020

Netjeek

Conducted system analysis to define APIs with possible responses

Designed and implemented eCommerce website for international customers

Integrated Google Maps for delivery location pinpointing and detection

Integrated Stripe for shipment payments

Created mock API with configurable front end for each endpoint status code

React

JavaScript

Material UI

JSS

Express.js

Redux

S Stripe API

i18next

Google Maps

JSDoc

React Testing Library

Python

### 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 with middleware support and connect it to the desired database in C++

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)