

# Ahmed Habeila

## Software Engineer

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Portfolio LinkedIn Github

### WORK EXPERIENCE

#### Software Engineer – Self-employed

January 2023 - Present

Quint blog and Quint Staking App

- Collaborated with a team of 4 to launch 2 accessible, responsive websites with light/dark themes in 1 week
- Achieved 100% Lighthouse score with optimized SEO and accessibility
- Created UI component library based on Radix UI design system and documented on Storybook

Astro Solid.js Typescript Tailwind CSS Disqus AWS Amplify React Next.js Radix UI Web 3 Storybook

#### 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 time selectors and filters that follow a global state design pattern and sync with the URL
- Developed proprietary types SDK for API type safety

React TypeScript Material UI Turborepo Sentry AWS D3.js Devexpress Storybook Hasura Stripe API GraphQL

#### Software Engineer – Coformatique

May 2020 - November 2020

BMW Founduion 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 TypeScript Material UI JSS Wordpress Twitter API Instagram API Facebook API YouTube API

#### 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 TypeScript Sendgrid React JSS 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
- Created mock API with configurable front end for each endpoint status code

React JavaScript Material UI Python Django Redux Stripe API Google Maps React Testing Library

### EDUCATION

#### Bachelor's Degree of Computer Science and Automatic Control

Tanta University of Engineering

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)