

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 Founaty 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)