## **KEVIN TO**

#### FULLSTACK DEVELOPER

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#### INTRODUCTION

I'm a full-stack frontend focused developer, design-oriented I build clean, engaging, functional, and beautiful web-application and websites. Delivering high quality, maintainable, and performant code. With previous experience in hospitality and education as a lead/teacher I am a natural communicator and problem solver.

## TECHNOLOGIES AND TOOLING

HTML5, CSS3, Javascript, Typescript, ReactJS, NodeJS, ExpressJS, MongoDB, PostgreSQL, Firebase, Vercel, Netlify, Postman, NextJS, AstroJS, Git

## EXPERIENCE

# Full stack developer - Representative Engineering Applications

April 2022 - present

Remote

## Photography Portfolio and E-commerce store

See it live

<u>Github</u>

- Implemented payment and billing functionality via Stripe API for E-commerce capabilities
- Reduced global latency by deploying to a CDN (Cloud Distributed Network)
- Architected with a mobile first design approach providing users an improved viewing experience on mobile devices
- Built w/ Typescript, Vite, Stripe, React-Spring, Cloudflare, Redux Toolkit, Styled Components

## **Galaxy Generator**

See it live C

Github

- Developed a **dynamic particle system** using Three.js to create visually stunning animations and effects mimicking a galaxy
- Implemented trigonometric functions and concepts, demonstrating strong problem solving skills
- Built w/ Javascript, WebPack, Three.js

## **AOL Instant Messenger**

<u>Github</u>

- Redesigned and rebuilt a realtime chat application in the style of AIM from windows XP
- Implemented websockets w/ socket.io to allow for realtime updates between users
- Built w/ Typescript, Vite, ReactJS, Socket.io, NodeJS, ExpressJS

## Announce it App

Github

- Designed and built authorization strategy to secure user and application data with Firebase
- Implemented a NoSQL database w/ MongoDB
- Improved accessibility by utilizing Radix primitives
- Built w/ Typescript, Vite, ReactJS, NodeJS, ExpressJS, MongoDB, FIrebase, Zustand, Radix

## **English Teacher - Self Employed**

Sept. 2020 - present

Łódź, Poland

- Taught English to individuals and groups from some of Europes largest corporations including Siemens, Volkswagen, PKN Orlen, and BMW
- Developed curriculums and lesson plans according to needs of the client
- Prepared students for and conducted Cambridge English & IELTS exams

## PUBLICATIONS/ACHIEVEMENTS

• "Growing Up Assala," The Pictorial - List, 2021

See it here

• "On the Road at the End of the World," Self-published photo book, 2020

See it here