KEVIN TO

FULLSTACK ENGINEER

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INTRODUCTION

I'm a full–stack developer proficient in Typescript and ReactJS. building responsive, engaging, beautifully designed an engaging 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 engineer - Representative Engineering Applications　　April 2022 - present
Remote

Photography Portfolio and E-commerce store　　　　　See it live　　*Github*

- **Implemented payment and billing functionality** via Stripe API for E-commerce capabilities
- **Reduced global latency** by deploying to a CDN (Cloud Distributed Network)
- **200% increase in site visitation and 130% increase in clientele**
- **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**

Announce it App - *Freelance*　　　　　　　　　　　　　*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**

AOL Instant Messenger - *Freelance*　　　　　　　　　　*Github*

- **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**

Magic 8 Ball- *Freelance*　　　　　　　　　　　　　　　*Github*

- **Architected a 3D experience** using webGL, ThreeJS, and React-Three-Fiber
- 3D models were imported & converted from gltf/glb format from Blender into React components
- Built w/ **Typescript, Vite, ReactJS, ThreeJS, React-Three-Fiber, React-Spring, Zustand**

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

EDUCATION

- Full Stack Open - University of Helsinki Finland
- ThreeJS Journey - ThreeJS Journey by Bruno Simon