

KELVIN MAI

Software Engineer

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INTRODUCTION

Self taught software engineer and functional programming enthusiast with 5+ years of professional experience. Primarily working with web technologies such as TypeScript, Clojure, and React.

PROJECTS

YouTube Channel

Tutorial and course content creation about web development and software engineering topics.

PROFESSIONAL EXPERIENCE

Software Engineer

Luminare Inc.

Remote Feb 2021 - Jan 2023

Feature development and maintenance on vaccination management software

- Rapid development of COVID-19 vaccination management app during pandemic
- Assisted application migration to stable general vaccination software
- Development of SMS/Email notifications feature
- Mentored and teach junior developers about Clojure/ClojureScript

Software Developer

Bonotel Exclusive Travel

Las Vegas, NV Jul 2020 - Feb 2021

Development on various Travel B2B dependant microservices and internal administration tools

- Development on both client facing and administrative frontend applications in both React and Angular
- Development and orchastration of Java and Golang microservices
- Implemented a Python based ETL worker to update and propogate Redis data
- Created SFTP file transfer automation tool in Java as well as a test SFTP server using docker

Instructor

Nucamp Coding Bootcamp

Las Vegas, NV Jan 2020 - Aug 2020

Bootcamp instructor responsible for teaching students web development technologies.

- Lead classes in Bootstrap, Node.js, React, React Native

Front End Developer

Vegas.com

Las Vegas, NV Jul 2019 - Mar 2020

Feature development on desktop and mobile retail travel e-commerce web application.

- Implemented mobile cart page and path
- Initiated upgrade of React Router from version 2 to 5

Software Developer

Motivis Learning

📍 Boston, MA 📅 Apr 2018 - Jun 2019

Research and development with new technologies, as well as feature development and maintenance of the cloud software product, Motivis Learning Management System.

- Designed and prototyped GraphQL layer for internal API
- Created microservice to provide full text search using PostgreSQL
- Created and maintained React application for schema viewing of internal API
- Aided conversion of front end application from Angular 5 to 6
- Aided conversion of internal UI components to the more stable PrimeNG components

Developer In Residence (Internship)

DigitalCrafts

📍 Houston, TX 📅 Feb 2018 - Apr 2018

Three month paid internship to work with and assist experienced instructors to develop and teach full stack web applications.

- Assist in teaching incoming coding bootcamp students in various web technologies
- Offer one on one tutoring and trouble shooting with web development students