Zachary **McRae**

✉ zakmcrae@gmail.com | 📍 Ontario, Canada | 🔗 http://zakmcrae.com

About Me

In late 2020 I decided to take a new career path and for all of 2021 committed my full time to learning web development. In the past I have used python for small hobby/fun projects and eventually brought that over into my previous career. Realizing how much I loved learning and implementing new technologies I decided to pursue it full time. This year I have spent 1000+ hours learning and coding as well as making 900+ commits so far this year which led me to getting my first paid full stack web development work!

Skills

Languages/Runtimes: Javascript, Nodejs, Python
Frameworks: React, React Native, Express, Flask, FastAPI
Tools: HTML, Sass/SCSS/CSS, Socket.IO, MongoDB, SQL, SwaggerUI, Git, Nginx

Work Experience

Abraham Systems - Custom solutions for your business   *Sudbury, Ontario*
FULL STACK WEB DEVELOPER - FREELANCE/PROJECT BASIS   *Dec 2021 - Current*
- Working on custom sites/apps for customers in a Javascript/Nodejs environment.
- Made landing page for food delivery service based on designer mockup.
- Modified pug html templates and bootstrap styling in express apps for a better responsive and visual experience.
- Prototype React Native app for delivery drivers using socket.IO for regular GPS updates.

Projects

Portfolio Site - Oct 2021   *Javascript, React, Styled-Components*

THIS SITE TELLS YOU A LITTLE ABOUT ME, THE PROJECTS I HAVE COMPLETED AND WHAT SKILLS I HAVE LEARNED. ON THIS PROJECT I LEARNED THE STYLED-COMPONENTS CSS LIBRARY AS WELL AS USED ANIMATIONS TO DRAW THE USERS ATTENTION TO CERTAIN ELEMENTS.   *http://zakmcrae.com*

Whisky Warehouse - Sep 2021   *Nodejs, Express, MongoDB*

A FAKE WHISKY STORE/CATALOGUE IN WHICH YOU CAN CREATE, EDIT, UPDATE AND DELETE PRODUCTS. THIS PROJECT GOT ME FAMILIAR WITH NODEJS/EXPRESS, MONGODB/MONGOOSE ODM AND PUG HTML TEMPLATES.   *https://young-eyrie-64675.herokuapp.com/*

The Tool Store - Aug 2021   *Javascript, React, CSS*

SMALL E-COMMERCE PAGE WITH FUNCTIONAL SHOPPING CART. THIS PROJECT SOLIDIFIED MY REACT KNOWLEDGE (STATE, PROPS, CLASS AND FUNCTIONAL COMPONENTS, HOOKS AND REACT-ROUTER-DOM).   *https://zakmcrae.github.io/shopping-cart/*

The Blog - Apr-May 2021   *Python, FastAPI, SQLite, SwaggerUI, Nginx*

A BLOG WEBSITE, FRONTEND MVC AND BACKEND API. THIS PROJECT ALLOWED ME BUILD AND CONNECT A REST API AND A SEPARATE FRONT END. EACH API ENDPOINT IS TESTED. I LEARNED MOCKING DATA, MONKEYPATCHING FUNCTIONS AND USING A TEST DATABASE.   *https://psts.xyz/*

Simple Lists - Mar 2021   *Python, Flask, HTML, Bootstrap, Nginx*

A LIST WEBSITE. USEFUL FOR KEEPING TRACK OF TASKS AND TODOS. THIS PROJECT GOT ME FAMILIAR WITH DATABASES, USER AUTHENTICATION, WORKING WITH FORMS AND DEPLOYING MY OWN SITE. DEPLOYED REMOTELY VIA SSH ON A LINUX UBUNTU VPS.   *https://lsts.xyz/*