

Shawn Esquivel

Vancouver, Canada

shawnesquivel24@gmail.com

(778) 926-1371

github.com/shawnesquivel

linkedin.com/in/shawnesquivel

PROFILE

I'm a Web Developer transitioning from a career in Chemical Engineering.

My engineering background gives me the problem solving and analytical skills that allow me to scalable and reliable code.

I'm passionate about sustainability, Web 3.0, and building for the global community.

EDUCATION

Web Development Diploma*

BrainStation

SEP 2022 – DEC 2022 (*PRESENT)

B. A. Sc. Chemical Engineering

University of British Columbia

SEP 2015 – MAY 2020

SKILLS

Frontend: React, Redux, JavaScript, TypeScript, HTML/CSS, SASS, jQuery and AJAX, Bootstrap

Backend: NodeJS, MongoDB

Data Analysis: Python, C, MATLAB, R

Other: Express, Git, Jest, JWT, Heroku, Netlify

Cloud: Amazon S3

WORK EXPERIENCE

Process Engineer | Ekona Power

Vancouver, BC | MAY 2020 - PRESENT

- Led product development of a chemical model on Python which lead to improving yield by 14% and reducing emissions by 25%
- Improved Python chemical model by documenting bugs and reviewing numerical algorithms
- Led the design, engineering, and build of a \$2.3M project
- Developed an in-house chemical model to support funding proposals, resulting in \$5M funding commitment from Emissions Reductions Alberta

PROJECTS

CoLab | [GitHub](#)

- Allows brands to discover, collaborate, manage, and pay influencers on marketing campaigns
- Implemented entire project workflow (payments, file uploads, front-end and REST API) using MongoDB, Express, React, NodeJS, Oauth2.0, JWT, AWS S3, Stripe
- Followed strict styling from Figma style guide

HumanKynd | [GitHub](#)

1st Place at Give Back Hacks 3 (2022 Hackathon)

- Crowdsourced and collaborative platform that allows users to create charitable events and get funding, borrow equipment, and certified volunteers
- Implemented entire full stack application as the sole coder using MongoDB, Express, React, NodeJS, Oauth 2.0, JWT
- Implemented and designed all REST API endpoints

Decode | [GitHub](#)

2nd Place at Sustain Hacks (2022 Hackathon)

- Built a chrome extension and website to help users understand sustainability and fabric quality about clothing before purchasing using HTML/CSS/JavaScript and the Chrome API
- Includes features such as web scraping, results page, and recommended items based on sustainability scores
- Used jQuery to communicate with a backend in Python

CryptoX | [Website](#) | [GitHub](#)

- Blog website that features the latest cryptocurrency news, stats, and price charts
- Styled using Ant Design and ChartJS
- Built with React and Redux using the Coin Ranking API and Bing API