

WORK EXPERIENCE (Front-End Engineering related)

Front-End Engr (contract)

1 Nail Systems (1NS)

Mar 2021 - Aug 2021

- Delivered dynamic HTML and Javascript code using Thymeleaf, a server-side Java template engine.
- Transformed site to be responsive through Bootstrap implementation sitewide.
- Involved efficient development through the support of designers and back-end developers while resolving front-end performance issues.
- Agile Environment using Trello to manage project sprints. Submit frequent pull requests via Git.

Web Developer (contract)

Self-Employed

Jun 2020 - Current

- *BrandNewAdventure* - Worked with the client to design, develop, and deploy the landing page for a wedding.
- *Renew Church OC* - Assumed the role of project manager for the church's website redesign. Collaborating with a UX/UI designer for wireframes to construct a project timeline, and develop the project. Estimated site launch Q4 2021.

PROJECTS

Capstone Chat — Full Stack Final Project

- Built using React frontend, Django as the server, SQLite database, and also uses Redis storage with Docker.
- Utilizes upgrade HTTP protocol for the server to push updates to the client for real-time communication.
- Modeled after Slack, this project was submitted as a final project for Harvard's CS50w course.

Golden Lotus — Full Stack e-Commerce app

- MERN (MongoDB, Express, React, and NodeJS) stack e-commerce app built as a web course project.
- Integrated authentication and authorization using JSON Web Token allowed users to securely add items to the cart, checkout, and administers to edit products, process orders, and manage customers.
- Payments accepted using PayPal API
- Project currently deployed on Heroku.

BrandNewAdventure — Landing Page

- Commissioned to design, develop, and deploy a responsive landing page for the client's wedding page.
- Agile development principles applied via weekly zoom meetings to update clients and to gather feedback.
- Site constructed using HTML, CSS, Javascript, Bootstrap, and other open-source libraries. The site was deployed on Github Pages with a custom domain in June 2021.

EDUCATION

- **Data Structures and Algorithm**, AlgoExpert.io — est. completion Q4 2021
- **Web Programming w/Python and Javascript**, Harvard CS50w — Certificate 2021
- **Web Development Career Track**, Codecademy — Certificate 2020
- **Web Developer Track**, Bloc.io (now Thinkful) — Certificate 2018
- **Mechanical Engineering**, California Polytechnic University, Pomona — Candidate 2004 - 2009

TOOLS & SKILLS

Languages - Javascript • CSS • HTML • Python • CLI

Version Control - Git • GitHub

Front-End - React • Redux • Django Templates • Bootstrap 5 • Thymeleaf • Websocket • RESTful API

Back-End - Node • Django • Django Channels • Express • MongoDB • SQL • Redis

Deployment - Heroku • Docker • GitHub Pages

Development Environment - Visual Studio Code • IntelliJ IDEA

Project Management - Trello • Monday