

SKILLS: React, Redux, Flask, Python, Express.js, JavaScript, Node.js, PostgreSQL, SQL, HTML, CSS, Git, Heroku, Docker, Project Management

TECHNICAL EXPERIENCE & PROJECTS:

Yome Python, Flask, Redux, ReactJS, Docker, Heroku, PostgreSQL

[live](#) | [github](#)

An invoicing and client management application.

- Utilized Redux to store invoice / client data to create an intuitive UI / UX by displaying on easy-to-read dashboards.
- Incorporated Bcrypt library into user authentication to provide increased privacy and security of client information.
- Implemented Docker to deploy and increase later easability, scalability of collaboration

GrammyGram Python, Flask, Redux, ReactJS, Docker, PostgreSQL

[live](#) | [github](#)

An Instagram clone with the theme of Grammy winning artists.

- Implemented Agile Software and Project Management operating as the Scrum Master with a team of 4 software developers, that delivered 100% more features than initial projections.
- Created database models and tables with Flask-SQLAlchemy with associations, allowing decreased API requests.
- Utilized Redux and a Python function to manage data from the database to create an user follow suggestions feature.

VidCloud Redux, ReactJS, Express.js, PostgreSQL

[live](#) | [github](#)

A video, digital, music, service streaming service app inspired by Soundcloud

- Created a search feature that initiates the Youtube Search API to maximize the application's searchable and playable content for an enhanced UX.
- Incorporated React components to use object oriented programming principles that produces robust code for greater scalability of the software
- Used Express middleware that handles requests which validates user authentication before retrieving data from the incorporated PostgreSQL database which allows for increased security.

Good Games Javascript, Express.js, Pugjs, Css, PostgreSQL

[live](#) | [github](#)

A social game cataloging website that allows users to find game information inspired by GoodReads.

- Created a JavaScript randomization algorithm that interacts with the application's database through Sequelize querying to help users discover new games.
- Collaborated in a 4 member remote team of engineers to deliver an application product in 5 days.
- Constructed a search bar feature using a JavaScript algorithm to increase the UI by allowing dynamic navigation to individual game's pages.

ADDITIONAL EXPERIENCE:

Product Production Manager / Project Manager / CAD Designer -R.J. Staab Stone Company

Jan 2020 - Oct 2020

- Built an inventory tracking, quality assurance, and production tracking tool that cut down product wastage by 60% to provide for decreased operating costs and 20% decreased production times.
- Designed using AutoCAD software, as well as managed the fabrication and installation of a new product line.

Project Engineer / Estimator - Gayanga Co.

Nov 2016 - Jan 2018

- Collaborated with software developers as a product tester for software designed for reporting to Federal, State and Local regulatory agencies.
- Utilizing project management and team workflow applications managed a 4 person office staff and a 10 member field operations team to deliver timely project completion.

Project Manager / Estimator - Avant Garde Construction and Design

May 2012 - Nov 2019

- Served as a licensed qualified officer responsible for, budgeting, and design/ build team members from initial concept to final delivery on residential construction projects.
- Using website design template software increased the company's online visibility which provided for revenue improvement.

EDUCATION:

AppAcademy - Full Stack Software Engineering

2021

- Intensive 1000 + hr Full Stack Web Application Development Program. Relevant Coursework: Object oriented programming (OOP), Test driven development (TDD),

Eastern Michigan University - Product Design and Development

2006-2013