Peter Joh

Full Stack Developer

Customer-focused and collaborative engineer with a diverse background in small business management and biomedical field engineering

Portfolio
Github
LinkedIn

646.207.1890
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Skills

React.js, Redux.js, Node.js, Express, Sequelize, Flask, SQLAlchemy, PostgreSQL, SQL, JavaScript, Python, HTML5, CSS3 , Git, Docker, AWS, Linux

Projects

Peter's Place / Live Site / Github

TECH STACK: React, Redux, Flask, SQLAlchemy, PostgreSQL, Flask-SocketIO, Docker

A simple websocket chat app, with ephemeral messaging features

- Harnessed bidirectional data flow using Flask-SocketIO and Socket.IO client to allow users to chat in real time.
- Created dynamic access points for users to access separate chat rooms by utilizing Flask-SocketIO and Socket.IO client.
- Used CSS and React to style for a memorable 'retro' user experience.
- Implemented unidirectional state management of Redux to manage and validate form input and submissions.

Cleanstagram / Live Site / Github

TECH STACK: React, Redux, JavaScript, Python, Flask, SQLAchemy, PostgreSQL, AWS, Docker

An Instagram clone which allows users to post and comment on images

- Dynamically create/read/edit/delete comments and images by utilizing Redux state and thunks in combination with SQLAlchemy table models for persistence.
- Leveraged AWS S3 service to enable users to upload and store images to the cloud.
- Utilized CSS and React to unify design for consistency and user experience.

Groovium / Live Site / Github

TECH STACK: Express, Pug, PostgreSQL

A Medium clone which allows users to write stories about specific topics.

- Implemented a custom carousel utilizing JavaScript to grab users' attention on the splash page.
- Designed & created interactive layouts using Pug and CSS.
- Enabled back-end storage for users to access their content with Express and PostgreSQL.

Experience

GQ Printing Inc. / General Manager
2009-2019

GQ Printing was a local commercial printing SMB servicing the tri-state area.

- Maintained all onsite printing hardware from offset printers to print servers.
- Increased productivity by implementing digital workflows for order intakes, delivery & logistics, invoicing and inventory management.
- Provided a high level of customer service to all clients, including walk-ins.

BioMagnetics LTD / Field Service Engineer
2002-2007

BioMagnetics maintains and manages medical equipment

- Diagnosed and resolved issues regarding functionality of MRI, CT and associated hardware/software.
- Helped maintain and organize MRI, CT and associated parts within the warehouse and database.
- Collaborated with IT departments for compatibility and functionality of all integrated MRI/CT systems.
- Provided phone support for clients during assigned shifts.

Education

App Academy / Web Development
JUNE 2021 - NOVEMBER 2021

Curriculum of Study in Web Development (Python & Javascript)

University of Rochester / School of Engineering & Applied Sciences
2001-2002