Peter Joh

Full Stack Developer

Driven software engineer with experience in ad hoc development, excelling in fast-paced environments and collaborative projects.

[Portfolio](#)
[Github](#)
[LinkedIn](#)
720.772.9830
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Skills

JavaScript, Python, Perl, HTML5, CSS3, SQL, React.js, Redux.js, Node.js, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL, Docker, AWS S3, Linux, Git

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Experience

Grant Street Group

Software Developer   March 2024 - Oct 2024

Grant Street Group specializes in cloud-based government solutions for tax collection, e-payments, and auctions.

- Collaborated across multiple teams using Perl to develop, maintain, and enhance cloud-based solutions for government clients.
- Tackled real-time support pings, troubleshooting and resolving high-priority issues to ensure seamless client operations.
- Resolved a long-standing issue with reversals for a key client by designing and implementing new APIs and business logic, improving system reliability and client satisfaction.
- Diagnosed and fixed a critical bug related to inter-application communication, ensuring smooth data flow and preventing potential escalation to production outages.
- Gained hands-on experience in debugging, API development, and performance optimization, contributing to both immediate client needs and long-term application scalability.

App Academy

Technical Career Coach   Oct 2022 - Nov 2023
Software Engineer Assistant   June 2022 - Oct 2022

App Academy is a coding school that offers online and on-campus software engineering programs.

- Coached students in React/Redux, Python, and full-stack development, preparing them for technical interviews and project reviews.
- Managed a caseload of approximately 50 jobseekers, providing personalized guidance via Slack/Discord.
- Conducted mock interviews, technical troubleshooting, and project planning sessions to improve job placement outcomes.
- Led technical workshops and supported external events, emphasizing hands-on experience in software development.

Achievements

GRID Esports DataJam 23 - 2nd (Opera GX) & 3rd (Main) / [Dota Grid Trackr](#)
Discreet way to view live Dota 2 matches in your browser.

Wix DevCon Hackathon 2022 - Third place / [doodad](#)
Mini brain puzzles that you solve without touching the screen.

Projects

Peter's Place / [Live Site](#) / [Github](#)

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

A 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.
- Developed RESTful APIs using Flask and SQLAlchemy (ORM).
- Implemented advanced CSS techniques for a unique 'retro' style, enhancing user engagement.
- Managed application state using Redux, ensuring efficient data flow and user input validation.

Cleanstagram / [Live Site](#) / [Github](#)

TECH STACK: React, Redux, JavaScript, Python, Flask, SQLAlchemy, PostgreSQL, AWS S3, Docker

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

- Implemented CRUD operations for comments and images, ensuring data persistence with SQLAlchemy.
- Integrated AWS S3 for robust image storage and retrieval, focusing on performance and security.
- Utilized JavaScript and Python to enhance functionality and user experience.

Education

App Academy / Web Development

June 2021 - Nov 2021

Curriculum of Study in Web Development (Python & Javascript)

University of Rochester / School of Engineering & Applied Sciences

Studied Engineering: 2001-2002