

Jen Stemkowski

Full Stack Software Engineer

Portfolio: <https://www.jenscode.com>

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Professional Summary

Full Stack Software Engineer with experience in developing and optimizing software solutions. Adept in Python, Django, MySQL and RESTful API. Dedicated to delivery high-quality solutions that enhance user engagement and drive business growth.

Skills & Tools

HTML, CSS, JavaScript, jQuery, React, Redux, Tailwind, Bootstrap, Next.js, GraphQL, Mongoose, TypeScript, Python, Django, Flask, Pandas, NumPy, SQLAlchemy, Node.js, Sequelize, Express.js, REST API, AWS, MySQL, NoSQL, SQL, SQLite, MongoDB, PostgreSQL, Git, Adobe Photoshop, GitHub, GitLab, VS Code, Insomnia, Netlify, Heroku, Wordpress, Microsoft Office 365, npm, Slack

Experience

Paralegal

Moran, Shuster, Carignan & Knierim, LLP

Avon, CT
2019 - Present

- Initiated the implementation of an estate tax return program, safeguarding client privacy and streamlining information management processes.
- Meticulously managed trusts and estates, ensuring accurate financial reports and timely tax return submissions for client satisfaction.
- Drove continuous improvement in paralegal processes, resulting in enhanced efficiency and reduced turnaround times for legal document preparation.

Junior Python Developer

Python

Simsbury, CT
2024

- Launched over 24+ robust Python applications, leveraging Django and PostgreSQL to delivery scalable solutions for diverse client needs.
- Developed and maintained API's using RESTful services drastically enhancing the system capability.
- Created and implemented a feature-rich to-do list application with Python and Django, incorporating advanced categorization and item management functionalities.
- Built a web scraper application using Python and Selenium that allows users to automate their Amazon shopping.

Junior Python Developer

Django REST API Blog

Simsbury, CT
2024

- Developed robust blog app with Django, enhancing user experience through seamless CRUD operations.
- Implemented Django API for efficient data management, ensuring user notifications for setup issues.
- Designed front-end interface for intuitive CRUD functionality, improving user interaction significantly.

Junior Python Developer

Space Invasion

Simsbury, CT
2024

- Developed Python-based arcade game with Pygame, enhancing user engagement through classic design.
- Implemented scoreboard and stats for improved user performance tracking.
- Enhanced UI/UX with Adobe Photoshop for a nostalgic gaming experience.

Junior Python Developer

Simsbury, CT

Python Budget Manager

2024

- Develop a budget app with Python, Flask, and SQLAlchemy; enhanced user expense management.
- Implemented advanced categorization, boosting user engagement and financial tracking.
- Enabled users to efficiently add, view, delete and edit expenses with intuitive interface.
- Facilitated seamless item management, improving experience and data accuracy.
- Optimized app functionality, resulting in significant user satisfaction and retention.

Junior Python Developer

Simsbury, CT

Automated Selenium Web Scraper

2024

- Created web scraper app integrating Python, Selenium, ChromeDriver and WebDriver-Manager to automate shopping on Amazon.
- In place of checkout the app takes a screenshot of the item the user would be purchasing.
- Deep dive into the nested div's in order to precisely obtain the desired product.
- Automated Amazon shopping using Python and Selenium, enhancing efficiency in product selection.
- Developed a tool to capture product screenshots instead of checkout, improving user decision-making.
- Analyzed complex web structures to accurately extract desired items, showcasing problem-solving skills.

React JS Developer

Simsbury, CT

Rhythm Reviews 2.0

2023

- Optimized app architecture for scalability, leveraging GraphQL for efficient data querying. Implemented MongoDB with Mongoose for robust data management.
- Fostered cross-functional teamwork to deliver user-centric features. Contributed to code reviews, ensuring high-quality, maintainable React components.
- Drove significant performance improvements through strategic refactoring. Reduced load times and enhanced user experience with optimized React rendering.
- Collaborated on MERN stack modernization, transforming legacy Handlebars.js into React components. Integrated JWT and Stripe API for enhanced functionality.

Full Stack Software Engineer

Simsbury, CT

Rhythm Reviews

2023

- Engineered responsive music review app using JavaScript and Tailwind, implementing RESTful architecture for seamless user interaction.
- Mentored team members on Third Party APIs and Handlebars.js, fostering knowledge sharing and enhancing overall project efficiency.
- Crafted consistent UI/UX across the application, utilizing Tailwind to ensure responsiveness and visual appeal.
- Optimized front-end performance through strategic implementation of JavaScript, enhancing load times and overall app responsiveness.

Self-Employed

Windsor Locks, CT

Nautical Wheeler Jewelry

2009 - 2019

- Created retail e-commerce app integrating HTML, CSS and JavaScript for cohesive brand design and enhanced user experience, increased website traffic by 600%.
- Elevated brand aesthetics by producing high-quality photography for digital platforms and leveraging skilled techniques in Adobe Photoshop.
- Spearheaded social media campaigns, strategically boosting web traffic by 400% through targeted content creation and audience engagement tactics.

Education

Full-Stack Software Engineer Certificate - University of Connecticut

Bachelor's Degree - Business Management - University of Connecticut