

Jen Stemkowski

Associate Data Engineer

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

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Professional Summary

Associate Data Engineer with experience in developing and optimizing software solutions. Adept in Python, Django, SQL and RESTful APIs. 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, Jupyter Notebook, Python, Django, Flask, Pandas, NumPy, Matplotlib, SQLAlchemy, Node.js, Sequelize, Express.js, RESTful APIs, AWS, MySQL, NoSQL, SQL, SQLite, MongoDB, PostgreSQL, JSON, Git, Adobe Photoshop, GitHub, GitLab, VS Code, Insomnia, Netlify, Heroku, Wordpress, Microsoft Office 365, npm, pip, Slack, Zoom

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.
- Mentored new paralegals and developed comprehensive hiring and training programs to improve team efficiency and productivity.

Junior Python Developer

Python Budget Manager

Simsbury, CT
2024

- Develop a budget app with Python, Flask, & 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.

Junior Python Developer

Django REST API Blog

Simsbury, CT
2024

- The app contains CRUD functionality for the blog, where all the buttons allow you to operate the CRUD functionality from the front-end.
- 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.

Junior Python Developer

PostgreSQL Database.

Simsbury, CT
2024

- Developed a Python app with PostgreSQL and Tkinter for student data management.
- Implemented CRUD operations to efficiently handle student records.
- Designed intuitive Tkinter interface for seamless user interaction.
- Ensured data integrity and streamlined database operations.

Junior Python Developer

Python Inventory App

Simsbury, CT
2024

- Developed a Python app with SQLite and PyQt for efficient inventory management.
- Implemented CRUD operations to streamline database interactions.
- Utilized PyQt for intuitive user interfaces enhancing user experience.
- Optimized backend processes with Python and SQLite for seamless data handling.

Junior React Developer

Deep Thoughts

Simsbury, CT
2024

- Developed an AWS and React app for quotes and image sharing, streamlining functionality and achieving robust app architecture.
- Integrated DynamoDB and S3 for efficient data and image management, improving app performance.
- Implemented EC2 for seamless app deployment, ensuring reliable cloud access.

React JS Developer

Rhythm Reviews 2.0

Simsbury, CT
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.

Self-Employed

Nautical Wheeler Jewelry

Windsor Locks, CT
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