

Sam Kramer

Edison, NJ (313) 757-2637 [GitHub](#) [LinkedIn](#) [Portfolio](#) SKramerCodes@gmail.com

SKILLS Python, JavaScript, Node.js, Docker, Perl, Linux, Bash, Git, PostgreSQL, SQLAlchemy, Sequelize, Flask, Express, RESTful APIs, React, Redux, Heroku, HTML, CSS, MySQL, Parametric CAD Design

PROJECTS

“Stop wasting your Heroku dyno hours” (Published on Medium, May 2023)

[Article published on Medium](#)

An article on my resource-optimization strategy for economically managing server hours without appearing broken

GETit (Built with Python, Docker, Flask, PostgreSQL, SQLAlchemy, JavaScript, React, Redux, HTML5, CSS3) [Live Site](#) | [Github](#)

It's Reddit but for jokes. Get it?

- Designed and deployed efficient data storage and processing by thoroughly engineering a secure database in Python with a SQLAlchemy ORM and Flask.
- Developed a single-page application by leveraging React functional component structure and client-side routing to render relevant data onto the DOM, dependent on URL parameters.
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data with AJAX requests when querying the PostgreSQL database for posts, comments, and votes.
- Implemented Docker to create maintainable containers to allow rapid deployment and portability of the application while still ensuring a consistent runtime environment.

Wineaux (Python, Docker, Flask, PostgreSQL, SQLAlchemy, JavaScript, React, Redux, HTML5, CSS3)

[Live Site](#) | [Github](#)

A reviewing app for wine lovers inspired by Untappd

- Collaborated virtually with a team of four engineers serving as a flex-developer, worked on features such as user authentication and CRUD features for wine listings.
- Implemented a custom React modal to confirm deletions of any products allowing preventing unintentional destruction of data.
- Applied Github best practices to prevent merging conflicts allowing for productive and collaborative teamwork.

Kelp! (JavaScript, Express, PostgreSQL, Sequelize, React, Redux, HTML5, CSS3)

[Live Site](#) | [Github](#)

A Yelp-like recommendation app for seaweed-related businesses

- Built a secure user auth system, utilizing BCrypt to hash and salt passwords, strengthening data protection for the backend.
- Designed a search feature using Redux, allowing users to find seaweed-related businesses by name.

EXPERIENCE

Choice Cabinetry LLC

Somerville, New Jersey

Automations Engineer

August 2024 – Present

- Configured 2020 Insight to enable sales order processing for 25+ product versions with near-infinite variability in sizes, finishes, and features, replacing hundreds of SKUs from the existing catalog, with minimal vendor training.
- Designed 15 base parametric CAD models in 2020 Construct, aligned to company-specific construction standards, enabling the near-infinite variability of Insight's product versions, with Construct-focused vendor training.
- Integrated 2020 Insight with Construct to generate bills of materials for engineering processing, preparing for a proof-of-concept deployment.
- Served as the sole in-house tech resource for IT support, solving issues from routine troubleshooting (e.g., printer connectivity) to urgent forensic data recovery with TestDisk, restoring several months' accidentally deleted work to ensure operational continuity.
- Refined automation processes and software integrations, applying software engineering expertise to improve efficiency and support adoption of complex tools.

Redners Warehouse Markets

Doylestown, Pennsylvania

General Merchandise Manager; Receiver; Self-Checkout Trainer; Inventory Control Specialist

September 2011 – May 2015

EDUCATION

App Academy

San Francisco, California

Curriculum of Study in Web Development (JavaScript and Python)

December 2021 – July 2022

Yeshivas Ohr Somayach

Jerusalem, Israel

Bachelor of Talmudic Law

August 2015 – September 2018

Tulane University

New Orleans, Louisiana

Coursework in Engineering and Physics

August 2007 – May 2009