# Justin Vance

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LinkedIn | Github | Blog

## Software Engineer

Highly adaptable Software Engineer with a background in professional theater, hospitality, and management. Passionate for collaborating with diverse teams to craft exceptional user experiences. Known for fostering inclusive environments and leveraging diverse perspectives to drive innovation. Also a freshwater ornamental shrimp breeder, ask me about my shrimp!

## TECHNICAL SKILLS

- Python
- Javascript
- JSX
- React .js

- React Native
- Material UI
- Semantic UI
- SQLlite

- SQLAlchemy
- Formik
- Yup

## TECHNICAL PROJECTS

**Tankio** - GitHub | Demo

Featuring a database of freshwater fish and aquatic plants, Tankio's *Tanktester* allows clients to test different stocking choices for their in-home aquarium and receive instant results on the health of the proposed ecosystem.

- Utilized Flask-SQLAlchemy to engineer the backend infrastructure with Python, resulting in robust data management and privacy and security for users
- Flexed my problem-solving abilities to engineer an algorithm to simulate diverse aquatic environments; accounting for fish bioload impact and plant filtration
- Enhanced UX design via Material UI's robust library

**FloraFriends** - GitHub | Demo

A social-media-inspired platform for plant owners to keep track of their plant collection, view their friend's collections, and track the care for specific plants they own.

- Collaborated seamlessly with a partner, utilizing Miro for planning and GitHub for version control
- Created the backend database for our plants; utilizing SQLAlchemy to create a stable and expansive backend
- Implemented UX design to craft engaging yet informational pages on each plant

## EXPERIENCE

**Homegrown Aquatic LLC**                                                                                                    Remote
Owner                                                                                                        04/2023 - Present

- Founded an in-home business through my self-starter attitude, communication, and detail-oriented planning
- Drove customer satisfaction through connection, resulting in an expansion of business through recommendations

**Various Companies**                                                                                                     FL , CA
Server/Bartender                                                                                            7/2019 - 06/2023

- Serviced a bar of 16 guests with the Hillstone corporation while implementing time management to make drinks for the 10 tables in our small dining

**Florida Studio Theatre**                                                                                        Sarasota, FL
Performer                                                                                                   10/2019 - 03/2020

- Demonstrated quick learning ability, learning the entire score, dialogue, and staging for the show in a shortened rehearsal period

## EDUCATION

**Flatiron School**                                                                                          New York CIty, NY
Full Stack Web Development, Python, JavaScript, React .js  programming                    12/2023 - 03/2024

**Ball State University**                                                                                         Muncie, IN
Bachelors Fine Arts - Acting                                                                                08/2012 - 04/2017