

# Melanie Francisco

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## FULL STACK WEB DEVELOPER

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Detail oriented software engineer passionate about learning new technologies and user-centered design. Previous background, owning and running a local pharmacy that provided monthly medications in multi-dose bubble packs to 300+ marginalized and low income clients of board and care homes, ensuring their accuracy and timely delivery. Cross-cultural experience from living in both the Philippines and the United States. Trilingual in English, Tagalog, and Bikol.

## TECHNICAL & INTERPERSONAL SKILLS

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**Languages:** JavaScript, Python, HTML, CSS, EJS, SQL

**Libraries and Frameworks:** Django, React.js, Node.js/Express, jQuery, Mongoose, Bootstrap, Materialize

**Databases and other:** PostgreSQL, MongoDB, AWS, Amazon S3, VS Code, RESTful Routing, JSON API, Git, GitHub, API Development, Postman, Google OAuth, Responsive Web Design, Software Design, Requirements Analysis, Requirement Design, Heroku

**Interpersonal skills:** Excellent Written and Verbal Communication Skills, Critical Thinking and Problem Solving Skills, Organized, Proactive, Quick Learner, Team Player

## TECHNICAL PROJECTS

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**Vintage Vintner - [GitHub](#) | [App](#) | MongoDB/Mongoose, Express/Node, React, JavaScript, CSS, React Bootstrap**

*An online wine shop that sells highly rated and rare wines from all around the world*

- Built a responsive single page full-stack CRUD app using the MERN stack with token-based authentication using JSON web token

**Green Thumbs Up - [GitHub](#) | [App](#) | Python, Django, PostgreSQL, AWS S3, HTML, CSS, Materialize**

*A responsive app where plant parents can keep track of their plants and their care and upload photos to share*

- Built a full-stack CRUD app and utilized Django's built-in authentication to authenticate users and implement authorization by restricting access to the Creation, Updating, and Deletion of data resources.
- Served as the GitHub manager, performing code review of peer's work before merging to the main branch in GitHub
- Connected to a PostgreSQL database and Amazon Web Services S3 to host uploaded images.

**Fridge Food Tracker - [GitHub](#) | [App](#) | MongoDB/Mongoose, Express/Node, EJS, JavaScript, HTML, CSS**

*An app that reduces food waste by helping users calculate the amount of food in their fridge, know when the items are expiring, and have up-to date grocery lists*

- Created a full-stack CRUD app with Google OAuth authentication where users can easily sign in with their existing Google account.
- Styled using Bootstrap and CSS to make it mobile responsive.

## EXPERIENCE

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**California Pharmacy, Co-owner | Pharmacist-in-charge**

*12/2017 - 04/2021, Sacramento, CA*

- Managed the day to day operations of a closed-door pharmacy which serviced 100+ board and care homes
- Implemented an effective system of managing inventory which resulted in the efficient use of cash flow by utilizing drug usage reports, tracking inventory levels, and not overstocking on drug products

**CVS Health, Staff Pharmacist**

*08/2010 - 01/2018, Fair Oaks, CA*

- Ran the pharmacy alone as one of the graveyard pharmacists in a 24 hour store
- Verified 100+ prescriptions per shift in a fast-paced retail environment, double checking for accuracy to ensure that each drug was dispensed to the right patient 100% of the time
- Performed drug utilization review before medications were dispensed which prevented fatal drug interactions, allergic reactions, and overdoses by checking dosages, patient medication history, and allergies
- Provided patient consultation on the use, dosage, side effects, interactions, and storage of their medications

## EDUCATION

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**General Assembly, Software Engineering Immersive Bootcamp**

*Remote, Certificate: 06/2022*

**University of Santo Tomas, Bachelor of Science in Pharmacy**

*Manila, Philippines, Graduated: 03/2002*