Melanie Francisco

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FULL STACK WEB DEVELOPER

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 to 300+ marginalized and low income clients. Cross-cultural experience from living in both the Philippines and the United States. Trilingual in English, Tagalog, and Bikol.

TECHNICAL & INTERPERSONAL SKILLS

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

Vintage Vintner - GitHub | App | MongoDB/Mongoose, Express/Node.js, 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 app using the MERN-Stack with token-based authentication using JSON web token
- Created service and API modules for the application/business logic to make code DRY and organized for easy refactoring and debugging.

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 peers' 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.js, 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

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

EDUCATION

General Assembly, Software Engineering Immersive Bootcamp   *Remote, Certificate: 06/2022*

University of Santo Tomas, Bachelor of Science in Pharmacy   *Manila, Philippines, Graduated: 03/2002*