

Carmelino Galang

Software Developer

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[PORTFOLIO](#) | [GITHUB](#) | [LINKEDIN](#)

SKILLS

Javascript, React, Redux, Python, HTML, CSS, SQL, Express.js, Sequelize, Node.js, Flask, PostgreSQL, SQLAlchemy

EDUCATION

Web Development - App Academy, 6 month bootcamp with a curriculum over 1000 hours | July 2022 - December 2022

Doctor of Medicine - De La Salle Health Sciences Institute College of Medicine, Philippines | Dean's List | 2014 - 2018

Bachelor of Science, Chemistry - Santa Clara University, Santa Clara, California | 2008 - 2012

PROJECTS

SPLITIFY (Python, Flask, ReactJS)

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

Splitify is a clone of Splitwise which keeps track of and splits shared expenses within groups of users.

- Created numerous Javascript algorithms that fetch information on all user transactions from a database, then calculates and organizes user balances in relation to other users or groups to ensure the correct balances are displayed on all pages.
- Constructed SQL database and RESTful API with Flask and SQLAlchemy that stored payments and expenses data and presented data in the correct format to the frontend for calculations.
- Utilized React Hooks and Redux to dynamically render options on forms as the choice of group changes to improve user experience.

THEBNB (Express, ReactJS)

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

TheBnB is a clone of Airbnb which is an online marketplace that allows users to list their short-term rental properties.

- Built RESTful API that allowed ReactJS to query or manipulate data in a backend database to facilitate the construction of dynamic web pages and allow users to easily modify data.
- Configured the Node backend with PostgreSQL, using the Sequelize ORM, Express validator for validations and database queries to ensure data is stored and queried in the correct format.
- Implemented AWS S3 for user image uploads reducing server load time and allowing for scalability of image services.

PETSY (Python, Flask, ReactJS)

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

Petsy is an e-commerce platform dedicated to pet related products that is inspired by Etsy.

- Collaborated with a group of programmers to integrate individually written React components, API routes and database models into a seamlessly functioning e-commerce web application.
- Applied Javascript storage objects to develop a shopping cart with contents that persist through rerenders and page refreshes, improving user interaction and experience.

EXPERIENCE

Medical Assistant

California Dermatology Care, San Ramon, CA

August 2021 - June 2022

- Created and organized patient charts in the EMR system for up to 30 patients daily to easily keep track of patient notes and documents.
- Aided in multiple procedures and surgeries such as Mohs, surgical excisions and biopsies.

Internal Medicine Resident Physician

San Joaquin General Hospital, French Camp, CA

June 2020 - June 2021

- Formulated and implemented patient care plans to treat medical illnesses and address health maintenance for up to 10 hospitalized patients daily.
- Analyzed patient histories and symptoms to determine an accurate diagnosis or the steps needed to arrive at a diagnosis.
- Coordinated and effectively communicated with numerous interdisciplinary health care teams to improve treatment speed and outcomes.