# Francisco J. Palacios, B.A.

## Software Engineer

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## EDUCATION

**App Academy**  | *Curriculum of Study in Web Development (JavaScript and Python)*          March – October 2022

**California State University, Northridge**  | *Bachelor of Arts in Economics*          Class of 2021

## SKILLS

**Language:** Bilingual (Spanish/English)
**Programming Languages:** Javascript (ES6), Python, SQL, HTML, CSS
**Framework/Tools:** React, Redux, Flask, Express.js, Node.js, SQLAlchemy, Sequelize, Docker, Git

**Key Skills:** Pair Programming, Object-Oriented Programming (OOP)
**Workplace Skills:** Strong problem solving and critical thinking skills, excellent communication and collaboration skills, great team player

## TECHNICAL PROJECTS

**Help!** (Python, JavaScript, React, Redux, Flask, SQLAlchemy, HTML, CSS)          Live Site | Github
*A Yelp inspired application that allows you to create business web pages and leave reviews.*
- Implemented both front-end validations and back-end validations to protect the database from any bad requests from both the browser and any API platform.
- Created custom modal framework using React component architecture allowing for efficient development of new forms.
- Employed one-to-many relationships using SQLAlchemy to allow users to add businesses to their favorites and to add categories to each business.
- Utilized Redux to store businesses' states globally and to allow easy access and the ability to update.

**CloudSounds** (JavaScript, React, Redux, Express.js, HTML, CSS, AWS)          Live Site | Github
*A SoundCloud inspired music uploading application.*
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their songs and albums when logged in.
- Integrated React Player with React's context to encapsulate music player data to give the user a seamless, uninterrupted audio stream during navigation on the application.
- Utilized AWS to store users' files and allow users to upload their audio and photo files.
- Designed React components to utilize state and re-render only when changes are made.

**Nah-sana** (Python, JavaScript, React, Redux, Flask, SQLAlchemy HTML, CSS)          Live Site | Github
*A group project based on the project management application Asana used to facilitate planning projects.*
- Designed an interface for logged-in users using React with CSS styling, that feels intuitive, seamless and closely resembles Asana's home interface.
- Employed GitHub's version control system to effectively collaborate with 3 other team members, working with a modular approach separating features, increasing productivity output and workflow.
- Built RESTful APIs to allow CRUD functionality for workspaces to allow API calls to connect the front and backend.
- Utilized an ORM, SQLAlchemy, to create custom queries and leveraged eager loading to fetch associated data in a single query.

## WORK EXPERIENCE

**Subway**  | Cashier/Food prep  | *Los Angeles, California*          June 2016 – March 2020
- Used strong interpersonal skills to provide excellent customer service to 75+ customers daily, ensuring a positive experience
- Demonstrated great teamwork skills to coordinate high quality food preparation that was delivered accurately, on time, and followed all health and safety standards, and sanitation standards
- Great communication skills used to ensure customers' needs were met including use of friendly and calm demeanor to address any questions or concerns, explain menu items, and collect payment from customers
- Demonstrated leadership skills by planning, managing, and coordinating weekly inventory deliveries of 300+ items.
- Ensured that all store items and deliveries were sorted, restocked, and appropriately stored
- Used good attention to detail to maintain cleanliness of the store, deli, bathrooms, and outdoor areas; in addition to replacing light bulbs, and reporting malfunctioning fixtures as needed.