Joannes Figueroa

Full Stack Software Engineer

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TECHNICAL SKILLS

Languages: JavaScript(ES6), TypeScript, Python, SQL, HTML, CSS, Spanish

Libraries & Frameworks: React, Next.js, jQuery, Node.js, Express.js, Flask, Jest, Unittest, React Testing Library, BootStrap, Tailwind

Databases & ORMS: PostgreSQL, SQLAlchemy, AWS (s3), SupaBase

WORK EXPERIENCE

Contract Software Engineer @ Pantry   AUG 2022 - Current // Emeryville, Ca

- Developing a dynamic prototype web app with React, TypeScript, Next.js, Supabase backend services, and a Postgres database to create a seamless user experience.
- Harnessed Tailwind and React components to craft a refined UI and intuitive UX, elevating the app's visual appeal and usability.
- Crafted a streamlined Postgres database with Supabase, enhancing maintenance efficiency and fortifying data security.
- Ensured modularity, scalability, and, maintainability by applying React's "loosely coupled architecture" systems design pattern.

Software Engineer Intern @ Numbers API   MAY 2022 - JUN 2022 // San Francisco, Ca

- Incorporated Model View Controller design pattern, and documented codebase, resulting in streamlined code maintenance and improved scalability.
- Refactored Node.js to Python/ Flask, enforced RESTful endpoints and DRY principles boosting clean and maintainable code.
- Implemented "Trivia" table using SQLAlchemy models supported by Jest tests to ensure seamless functionality and reliability.
- Modernized markdown to semantic HTML conversion script enhancing integration of dynamic webpage content and elevating user experience.
- Led the development of a responsive mobile version with React Native and Ionic to boost user engagement. **GitHub**

Manager @ Club Mallard   DEC 2015 - JUL 2021 // *Albany, Ca*

- Executed operations, HR duties, controlled $50k+ inventory, scheduled and directed staff of 20+, ensuring seamless operations.
- Enhanced brand engagement and revenue by strategically leveraging social media, creating impactful promotional materials, and orchestrating captivating special events.
- Hired, trained, and supervised a staff of 20+ to coordinate effectively and efficiently in a high-volume environment.

EDUCATION

Rithm School - Full Stack Web Development   MAR 2022 - JUN 2022 // *San Francisco, Ca*

PROJECT EXPERIENCE

Bugly - Blog Application - React | TypeScript | Flask | SQLAlchemy | Python | Vercel | Heroku   **GitHub - Demo**

- Created a full stack blog application to track my problem-solving process while cataloging projects and corresponding "bugs".
- Implemented Typescript API to facilitate communication with Flask RESTFul routes and PSQL database built with SQLAlchemy.
- Designed responsive UI with React and leveraged Typescript to implement and facilitate dynamic UX.
- Incorporated client-side auth with JSON Web Tokens and additional server-side auth with Flask extensions and JWTs.

ShareBnB - AirBnB Clone - React | JavaScript | Flask | SQLAlchemy | Python | AWS | Vercel | Heroku   **GitHub - Demo**

- Developed AirBnB clone, featuring user signup, authorization, and authentication with JWT and image upload via AWS(s3).
- Designed React single-page application with protected routes which allows authorized users to create new listings.
- Implemented authorization and authentication using JSON Web Tokens and encrypted passwords using the BCrypt library.
- Developed RESTful routes with Flask and leveraged SQLAlchemy to create, update, and query the relational database.

Jobly - Job Board - React | JavaScript | Express | SQL | Vercal | Heroku   **GitHub - Demo**

- Built a job board application featuring React integrated with Express RESTful API to allow dynamic rendering of job listings.
- Incorporated protected routes with JSON Web Tokens and encrypted passwords using BCrypt library for all routes.
- Managed RESTful API and created routes with Express, the corresponding relational database is queried using SQL.