

Paolo Alberca

SOFTWARE ENGINEER

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Summary

Full Stack software engineer with a strong track record in transforming ideas into powerful applications using React, JavaScript, Ruby on Rails, and Python. Proficient in front-end design for responsive interfaces and skilled in optimizing back-end functionality for enhanced performance. Fueled by a strong passion for debugging, test driven development, and design combined with 12 years of Account Management experience to ensure software exceeds expectations for the end user.

Skills

CSS, Figma, Flask, HTML, JavaScript, Node.js, PostgreSQL, Python, React.js, Rails, Redux, Ruby, React Native, Tailwind CSS, TypeScript

Experience

Freelance Full Stack Software Engineer

Remote

FRONT END SOFTWARE ENGINEER

Feb 2023 - Current

- Successfully deployed a dynamic landing pages and applications, utilizing technologies including Tailwind CSS, Chakra UI, Material UI, React's intersection observer, and Vite.
- Collaborated with developers to integrate front-end interfaces, build APIs, and databases, resulting in the successful launch a clients application. This boosted website traffic by 15% and daily active users by 40%.
- Implemented Agile methodology with development teams, clear role definitions, and flexibility, resulting in a successful website launch in 2 months instead of the planned 3.

OrthoPro

New York, NY

ACCOUNT EXECUTIVE

Sept 2019 - Present

- Engineered a CRM database to track doctors' prescription habits and gather patient feedback, leading to data-driven decision-making and 47% annual sales growth.
- Led 18 accounts in the Tri-state area, building relationships with 43 physicians, expanding market reach, and increasing brand presence.
- Mentored a team of 12, achieving a remarkable 26% business growth, year over year increasing revenue.
- Pioneered the introduction of new products, diversifying revenue streams and propelling profits to a 34% increase.

Projects

Budget Buddy | Github | Deployed Site

BUDGET BUDDY IS A USER-FRIENDLY APPLICATION DESIGNED TO HELP INDIVIDUALS MANAGE THEIR PERSONAL FINANCES EFFECTIVELY.

- Utilized Chakra UI and Framer Motion for interactive front-end designs, enhancing user experience.
- Employed Python and Flask to construct a highly functional back end with five relational models and strong user authentication capabilities.
- Integrated SQLAlchemy as the ORM tool for efficient data manipulation and enhanced overall back-end performance.

Ullr | Github | Demo

A FITNESS TRACKING APPLICATION WITH SOCIAL MEDIA FUNCTIONALITY TO CREATE A COMMUNITY AMONGST ATHLETES.

- Integrated Redux with seven back-end models for centralized state management.
- Executed comprehensive unit tests using React Testing Library and Jest, ensuring flawless component functionality.
- Enabled direct messaging between users by creating a matching and messaging model on the back end, referencing users model for unique ids.

LearnLink | Github | Demo

AN EDUCATIONAL APPLICATION UTILIZING GOOGLES PaLM AI FOR A BETTER LEARNING EXPERIENCE

- Collaborated with a team of product designers and engineers in a Hackathon to develop this application winning most innovative idea.
- Implemented Google's PaLM AI to generate key ideas and quizzes from the users library of books.
- Accomplished stretch goals such as administering text-to-voice from PaLM AI's summary to better serve users with disabilities.

Education

Flatiron School

New York, New York

FULL STACK WEB DEVELOPMENT

Jul 2022 - Dec 2022

SUNY Stony Brook

Stony Brook, New York

BACHELOR OF SCIENCE, HEALTH SCIENCE