

Paolo Alberca

SOFTWARE ENGINEER | NEW YORK, NY

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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, Next.js, Node.js, PostgreSQL, Python, React.js, Rails, Redux, Ruby, React Native, Tailwind CSS, TypeScript, Wordpress

Experience

NYC Tech Talent Pipeline

Remote

TECHNICAL INTERVIEWER

Feb 2024 - Current

- Volunteered as a technical interviewer for the NYC Tech Talent Pipeline, facilitating economic mobility and fostering diversity by providing CUNY Computer Science students with mock technical interviews to increase their confidence and access to opportunities in the tech industry.

Freelance Full Stack Software Engineer

Remote

SELF-EMPLOYED

Feb 2023 - Current

- Deployed dozens of responsive and accessible web applications for clients, utilizing technologies including Tailwind CSS, Chakra UI, Material UI, Wordpress, and Elementor.
- Boosted website traffic by 15% and daily active user engagement by 40% through effective collaboration with fellow developers by building front-end interfaces, crafting robust APIs, and established relational databases to enhance overall user experience and platform performance.
- Led project management efforts by employing tools like Jira and Kanban within development teams, establishing clear role definitions and fostering flexibility, which reduced launch timeline from three months to two.

OrthoPro

New York, NY

ACCOUNT EXECUTIVE

Sept 2019 - Present

- Engineered a CRM database to track doctors' prescription habits and gathered patient feedback, resulting in 47% annual sales growth.
- Led 18 accounts in the Tri-state area, building relationships with 43 physicians, expanding market reach, and increasing brand presence, accumulating in \$4MM in revenue.
- Mentored a team of 12, achieving a year-over-year 26% increased revenue.

Projects

Budget Buddy | Github | Deployed Site

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

- Employed Chakra UI and Framer Motion to craft interactive front-end designs, prioritizing user accessibility.
- Employed Python and Flask to construct a functional back end with five relational models and strong user authentication capabilities.

Ullr | Github | Demo

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

- Integrated Redux for centralized state management and React Testing Library for ensure optimal application performance.
- Engineered robust APIs and constructed seven relational models complete with full CRUD routes with Ruby on Rails to ensure efficient data management.

LearnLink | Github | Demo

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

- Won "Most Innovative Idea" with a team of product designers and engineers in Flatiron's Hackathon for accessible education incorporating AI.
- Implemented Google's PaLM AI to generate key ideas and quizzes from the users library of books.

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