

Jacob Giamanco

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Professional Experience

PayPal

Production Software Engineer | Technical Product Manager

Remote

Aug 2021 - Jul 2024

- Managed and optimized PayPal content for 60 products, resulting in a 70% reduction in storage size and a 90% decrease in translation costs.
- Collaborated with Brand, Marketing, and Operations teams to establish a seamless end-to-end user experience; implemented workflow automation using Python that decreased project timeline by nearly 50%.
- Directly developed and maintained over 2,500 live email, SMS, and alert TypeScript React templates for dozens of PayPal, Venmo, Honey, and Xoom products to ensure consistent end-to-end experiences across different platforms.
- Conducted rigorous manual and automated code reviews utilizing CI/CD pipelines to leverage both Jest for unit tests and Jenkins for continuous integration processes leading to a 95% reduction in errors and code breakage.

Petco

Web Developer (Contract)

San Diego, CA, USA

Sep 2020 - Jul 2021

- Spearheaded website redesign implementation, raising user engagement by 25% during Petco's 2020 re-branding. Supported e-commerce and site experience teams, contributing to a 15% revenue growth over six quarters.
- Authored user-friendly swipe functionality that enhanced overall accessibility; resulted in a measurable increase of 26% in promo clicks during peak shopping periods on the revamped website.
- Orchestrated strategic frontend development initiatives, emphasizing user-centered design and maximizing site performance through effective implementation of HTML5, CSS, and JavaScript; achieved a 20% improvement in loading speed across devices.
- Executed rigorous quality assurance tests utilizing automation scripts via Grunt/Gulp combination maintaining an exceptional level of device compatibility with minimal error rates under one percent throughout product launch phases.

Junket

Front End Web Developer (Contract)

Remote

Jun 2020 - Jul 2020

- Spearheaded the development of reusable components using Next.js, React, TypeScript, and Tailwind CSS; improving page load times through optimized rendering strategies.
- Incorporated mobile-first responsive design leading to a 35% increase in mobile user engagement within the first month post-launch.
- Led end-to-end revamp efforts focused specifically on refining core features of the company's mobile application site; achieved clear benchmarks including minimizing bounce rates by over 30%.
- Coordinated efforts with backend developers to incorporate RESTful APIs within the mobile application interface streamlining functionality and reduced response times for users by an average of 20 seconds per request.

Bluegrace logistics

Software UI Designer (Contract)

Remote

Aug 2019 - Mar 2020

- Designed interactive wireframe prototype for entire proprietary dashboard that improved stakeholder engagement during presentations; gathered critical feedback which directly informed design iterations before finalization.
- Facilitated regular communication sessions with client to refine design concepts; gathered feedback leading to a 35% increase in client satisfaction scores on project deliverables during contract tenure.
- Conducted usability assessments on high-fidelity prototypes, uncovering critical areas for improvement establishing changes which decreased engineer development time by 45%.
- Collaborated weekly within agile sprints alongside three cross-functional teams ensuring consistent application layout decisions increasing efficiency metrics as tasks moved from development stages to completion phase seamlessly.

Skills

JavaScript, TypeScript, React, Next.js, Vue.js, HTML, CSS, Python, Data Structures & Algorithms, Tailwind CSS, Sass, Semantic UI, Headless components, SQL, jQuery, GraphQL, Git, Micro frontend, Github, Agile, Jenkins, Jest, unit testing, Node.js, SEO, REST APIs, Vercel, Wordpress, Wireframe, Product Management, Git, Open Source, Docker, integration testing, NPM, Yarn, CI/CD, Version control, Redux, Data science, Database management, NoSQL, PostgreSQL, AWS, Firebase, Google Cloud Platform, React-Router, Cloudflare CDN, Webpack, Babel, Atlassian, JIRA, Confluence, Splunk, Postman, Figma, Adobe Creative Suite, Quality Assurance (QA)

Education

Grossmont College

Associate's, Photography

Aug 2009 - Jun 2013