

Jacob Giamanco

San Diego, CA, USA

📞 +1-619-592-2261 ✉ jacobdeansd@gmail.com 💻 [jacob-giamanco](https://www.linkedin.com/in/jacob-giamanco) 🎧 [jgiamanco](https://www.github.com/jgiamanco) 🌐 <https://jgiamanco.vercel.app>

EXPERIENCE

JG Creative Services

Aug 2019 - Present

Software Engineer / Web Developer / Owner

Remote

- Led the redesign and modernization of websites for small businesses, enhancing user interface and experience through best practices in architecture, coding standards, and design to improve customer engagement.
- Developed an interactive Discord bot utilizing AI technologies, significantly increasing user engagement across multiple servers by delivering personalized interactions and fostering community participation.
- Optimized website performance through advanced SEO techniques and accessibility best practices, resulting in a 50% increase in organic traffic and improved Google rankings while effectively articulating client needs and conducting training for new systems.

PayPal Inc.

Aug 2021 - Jul 2024

Software Engineer III

Remote

- Achieved a 70% reduction in content storage size and a 90% decrease in translation costs by leading content optimization initiatives across 60+ products.
- Developed and maintained over 2,500 TypeScript React templates for email, SMS, and alerts, ensuring standardized communication for brands such as PayPal, Venmo, Honey, and Xoom.
- Championed AI-driven solutions in marketing operations by proposing innovative integrations, resulting in a 95% reduction in error rates through improved coding standards and automated testing.

Petco

Sep 2020 - Jul 2021

Web Developer

San Diego, CA

- Implemented website redesigns, increasing user engagement by 25% and enhancing accessibility by 26% through strategic frontend development using HTML5, CSS, and JavaScript.
- Led frontend development tasks, improving load speed by 20% and maintaining device compatibility with error rates under 1% by executing rigorous QA testing with Grunt/Gulp automation.
- Collaborated with e-commerce and site experience teams to develop user-friendly features, ensuring cross-browser compatibility and mobile responsiveness.

Junket by iTourMobile

Jun 2020 - Jul 2020

Frontend Web Developer

Remote

- Developed reusable components using Next.js, React, TypeScript, and Tailwind CSS, increasing mobile user engagement by 35% within the first month by incorporating mobile-first responsive design.
- Minimized bounce rates by over 30% through a targeted revamp of core mobile application features, enhancing user experience and functionality.
- Improved page load times and reduced user response times by an average of 20 seconds per request by integrating streamlined RESTful API connections and optimizing rendering strategies.

Bluegrace Logistics

Aug 2019 - Mar 2020

UX/UI Software Designer

Remote

- Partnered with cross-functional teams during agile sprints to implement and standardize application layouts, improving client satisfaction scores by 35%.
- Developed interactive wireframe concepts and high-fidelity prototypes, reducing engineering development time by 45% through usability-driven adjustments.
- Coordinated directly with clients to interpret design needs and refine creative solutions, ensuring seamless task progression and increased efficiency metrics.

PROFESSIONAL SKILLS

- **Frontend:** JavaScript, TypeScript, React, Next.js, HTML5, CSS3, Tailwind CSS, Sass, Semantic UI, Styled Components
- **Backend:** Python, Node.js, SQL, REST APIs, NoSQL, Database management, Redux, GraphQL, Web Sockets
- **CI/CD Tools:** Jenkins, Splunk, Git, GitHub
- **Cloud Services:** AWS, Google Cloud Platform, Docker
- **Project Management:** Jira, Agile Methodologies, Cross-functional Collaboration
- **Design & Prototyping:** Figma, Adobe Creative Suite
- **Content Management:** WordPress, AEM, Contentful
- **AI/ML Technologies:** Familiarity with integrating machine learning solutions into existing systems
- **Other:** Mobile-first Design, Cross-browser Compatibility, Performance Optimization

EDUCATION

Grossmont College

Associate's of Fine Art, Photography

PROJECTS

Mithrandir - Discord.py Bot

- Developed a versatile Discord bot using discord.py and SQLite, enhancing user interaction with features like trivia games and custom commands.

Nimbus- Weather Web Application

- Built an interactive weather application utilizing TypeScript, jQuery, Webpack, Canvas animation, and OpenWeather API to provide real-time weather data.

Roster - Single Page Interactive API Application

- Developed a web app to search for your favorite NFL players using an easy-to-navigate interface. Utilized React, TypeScript, Node.js, HTML/CSS, React-Dom, Semantic UI, Tachyons, Babel, and API.

CRWN Clothing - Single Page ECommerce Application

- Created a full-stack React e-commerce solution with Google sign-in and Stripe integration, showcasing strong application of marketing technology. Using Firebase, Redux, Redux-Sagas, GraphQL, React-Dom, React-Router, React persist, Sass, Reselect, and Node.js.