Jonathan Ascencio

Software Engineer II

Experienced software engineer specializing in full-stack development, JavaScript integrations, and scalable cloud solutions

Contact

✉ jonathanascencio.ja@gmail.com

📞 +1 (818) 233-7375

🐙 aqualad11

🌐 jonathan-bot.com

📍 San Diego, CA

Skills & Tools

Languages: Golang, JavaScript, TypeScript, HTML, CSS, Python

Libraries & Tools: Svelte, SvelteKit, Vite, Webpack, Node.js, Deno, Tailwind, bulma.css

Cloud: S3, SQS, CloudWatch, DynamoDB, Cloudflare Pages, Supabase

Databases: MySQL, PostgreSQL, Redshift

Education

Bachelor of Science in Computer Science

California State University, Long Beach (CSULB)

Aug. 2015 – May 2019

Projects

Universe-3D
3D Print Service

Interests

3D Printing & CAD Design, AI Agents & Automation, Open Source, Web Performance

Projects

Universe-3D — 3D Model Search Engine & Marketplace   2024 – Present

Creator & Lead Engineer, San Diego, CA

- Developed a 3D model search engine using SvelteKit, providing a fast, clean, and responsive browsing experience for community-submitted 3D assets.
- Engineered a custom web crawler in Deno to ingest, normalize, and unify model data from multiple repositories with inconsistent structures.
- Implemented a centralized model database using Supabase Postgres and Supabase Storage, enabling efficient metadata querying and scalable asset management.
- Integrated Stripe Checkout for secure purchasing of digital 3D model files and future marketplace transactions.

3D Printing Service — Model Upload & Customization Platform   2024 – Present

Founder & Operator, San Diego, CA

- Built a full-featured print-on-demand platform with SvelteKit, allowing users to upload 3D models directly through an intuitive interface.
- Implemented interactive 3D model previews using Three.js, enabling users to inspect orientation, scale, and geometry before ordering.
- Developed a customization system allowing users to select material, color, infill density, and other print parameters with live updates.
- Integrated Stripe Checkout to streamline the purchase process, supporting fast and secure payment for custom 3D print orders.
- Utilized Supabase Postgres and Supabase Storage to manage user uploads, customization metadata, and order information.

Professional Experience

Software Engineer II, Ezoic   March 2020 – July 2024

Carlsbad, CA

- Regularly designed and developed high-quality, scalable code for various systems, focusing on improving functionality and user experience.
- Acted as a mentor to junior developers, guiding them through complex software development cycles and fostering a culture of technical excellence and innovation.
- Worked closely with other teams, including sales and account management, to understand client needs and translate them into functional software solutions.
- Maintain and enhance core JavaScript integrations, providing deep technical knowledge and support.
- Participated in the annual strategic planning process, researching market trends, competitor analysis, and emerging technologies.
- Provided critical support to account managers and clients, addressing technical queries and troubleshooting issues.
- Actively participated in final interviews during intense hiring periods, helping to select and onboard top-tier talent.