

Isaac Laster

Full-Stack Engineer | AI & Cloud Infrastructure

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SUMMARY

Backend-heavy full-stack engineer with 5+ years shipping production APIs, cloud infrastructure, and AI workflows. Core stack: Node.js, TypeScript, Python, AWS, PostgreSQL, and React. Focused on reliability, clean architecture, and systems that hold up when real users show up.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, Python, React, Next.js, Express, Node.js, PHP

Cloud & Infrastructure: AWS (EC2, S3, Auto Scaling), Docker, Supabase, PostgreSQL, MongoDB, SQLite

AI & Tools: ComfyUI, Stable Diffusion, DeepSeek API, Socket.IO, REST APIs, Git

EXPERIENCE

gruntWAVE LLC — Full Stack Engineer (Project-Based Contract)

Nov 2025 - Present | Los Angeles, CA

- Sole fullstack developer building 3D content pipeline automations in Blender for 3D artists.
- Architecting Python-based tooling to automate repetitive production workflows for creative teams.

Sony — 3D Capture Project Support (Project-Based Contract)

May 2025 - Apr 2026 | Culver City, CA

- Supported a confidential 3D capture project under NDA.
- Built and maintained data collection workflows and validation processes for photogrammetry pipelines.

Davant Systems — Full-Stack Developer (Project-Based Contract)

Mar 2023 - Feb 2026 | Los Angeles, CA

- Deployed Stable Diffusion to AWS with horizontal auto-scaling — automated spin-up and teardown of EC2 instances based on demand.
- Built the Photobooth Kiosk app end-to-end — real-time photo delivery with configurable client branding. Increased event engagement by 25%.
- Infrastructure and product work contributed to winning the CGW Silver Edge Award at SIGGRAPH 2023.
- Represented the company at SIGGRAPH and NAB, delivering live software demos to industry audiences.

Qeery — Backend Engineer (Project-Based Contract)

Feb 2024 - Jan 2025 | Los Angeles, CA

- Built the backend API for a queer event discovery app — REST endpoints, Eventbrite integration for live event ingestion.
- Containerized the full dev environment with Docker and Supabase to ensure parity between local and production databases.

NHG — Fullstack Engineer (Project-Based Contract)

Jun 2024 - Dec 2024 | San Francisco, CA

- Built the brand's first web presence end-to-end — storefront, product pages, and automated lead capture via Google Sheets API eliminating all manual data entry.
- Designed a PostgreSQL database to future-proof operations. Delivered as a complete, production-ready package.

EDUCATION

General Assembly — Software Engineering Certification

Nov 2021 - Feb 2022 | San Francisco, CA