Jared Giangrasso

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EXPERIENCE

Constellation **Apr. 2024 – Present**
Tech Lead (Jul. 2025 – Present) *NY, NY*
Senior Software Engineer (Apr. 2024 – Jul. 2025)

- Led development of the core ad generation engine, replacing a legacy system with a Next.js + GraphQL full-stack platform, backend services, and export pipeline automating image/video ad creation for 150+ dealers.
- Built a bulk asset upload and validation system automating ingestion of 1,000–2,000 assets/month, replacing a multi-person manual process that previously took half a day or more.
- Designed a centralized asset preview and editing workflow where none previously existed, enabling dealers and internal teams to view, modify, and export assets in one place.
- Promoted to Tech Lead within 15 months, mentoring 4 engineers, leading architectural decisions and roadmap planning, and collaborating cross-functionally with product and design.

Amazon Web Services **Jan. 2022 – Apr. 2024**
Frontend Engineer *NY, NY*

- Led development of three microfrontend entrypoint applications for SageMaker Canvas and Data Wrangler, replacing legacy entrypoints and increasing product traffic by more than 30%.
- Designed a model cloning workflow enabling users to duplicate datasets, hyperparameters, and training configs, reducing iteration steps ~10×.
- Led Data Wrangler UI migration to JupyterLab 3 with a dual-version release strategy, enabling gradual customer migration 0 → 100% without disruption.
- Re-architected frontend CI, testing, and local development workflows, reducing CI setup time from ~1h to 40min and stack update time from ~3min to seconds.

Medly Pharmacy **Sept. 2020 – Jan. 2022**
Software Engineer II (Sept. 2021 – Jan. 2022) *NY, NY*
Software Engineer (Sept. 2020 – Sept. 2021)

- Led development and maintenance of a TypeScript/React component library used by 30+ engineering teams, standardizing UI across multiple applications.

Lunchbox **Jul. 2019 – Sept. 2020**
Front-End Developer *NY, NY*

- Led engineering for a React admin dashboard frontend and built an internal theme editor to manage branding across ordering platforms.

EDUCATION

University of Southern California **May 2018**
BA, Film & Television Production *Los Angeles, CA*

PROJECTS & SKILLS

Selected Personal Projects: Mix Mash (Spotify-integrated React/TS app with Django/Spleeter AI), Trending Tees (React drop-shipping platform with public APIs)

Skills: JS/TS, Python, React, Next.js, GraphQL, Node, PostgreSQL, Cypress, HTML, CSS, NPM, Git, AWS