

# Evan Hart

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## SUMMARY

Self-starting full-stack developer with 2 years of full-time immersive experience in designing, developing, deploying, and maintaining modern web applications, complemented by a lifetime of exposure to code. Highly proficient in writing idiomatic React with pure, testable components that maintain atomic render behavior even with complex, dynamic state. Well-rounded TypeScript, JavaScript, Python, HTML/CSS, and SQL skills. Language-agnostic mentality with a focus on design patterns and a strong preference for robust typing.

## EXPERIENCE

### [Senior.One](#) | Software Engineer / Consultant

2023 - PRESENT | Albuquerque, NM | Remote | Contract

Responsible for ETL operations, data cleansing, and the creation of tooling to allow for the safe and efficient administration of customer profiles.

- Led a significant data-loading operation during a major system transition, coordinating with a remote team to deliver data in the required formats.
- Identified and resolved a critical flaw in the data structure, necessitating late-stage changes to the back-end.
- Conceptualized and developed an end-to-end ETL framework, enabling the company to make crucial changes without delaying forward operations.

#### *Framework Highlights*

- Developed a hybrid library featuring an extensive menu-driven editing/matching/export environment and the ability to use processed datasets directly in scripts, providing non-linear flexibility and resilience to changing requirements.
- Utilized Python libraries Pandas and SQLAlchemy to establish robust type safety in the data flow.
- Implemented macro functionality to automate ETL operations for future data releases, doubling as a DSL for creating and editing ETL flows.
- Achieved over 50% codebase test coverage, representing 100% of data operations.

## PROJECTS

[StreamerSong.Cards](#) | Full-stack Next.js application allowing users to design and generate animated, custom-styled data visualizations from real-time data streams for use as video overlays.

#### *Highlights*

- Maintained atomic renders and intuitive UX while exposing nearly 100 discrete parameters in the theme editor.
- Utilized HTML/CSS primitives to build out complex visual assets.
- Created property-key driven controller factory, leveraging TypeScript to configure each controller simply by connecting it to the store, pivotal for DX during the layout of so many controllers.
- Implemented a fully validated, authenticated, and OAuth-authorized back-end with end-to-end type safety via tRPC, Redis cache layer, and token bucket rate limiting middleware.
- Utilized WebSockets for real-time visualization of streaming data.
- Hosted on Vultr, with IaC deployment and CI/CD via Ansible, Terraform, GitHub Actions, and Docker.

[MildlyAggressiveFolk.com](#) | Scratch-built 1.5-day Next.js speedrun with one rule: zero dependencies beyond Tailwind. Deployed to AWS via SST. (Link points to GitHub repository)

**RTMP Multicast SaaS** | cost-effective keying/transcoding/multicasting of RTMP video streams leveraging the efficient provisioning of small cloud instances. Work in progress.

## SKILLS

**Languages** | TypeScript, Python, JavaScript, SQL, HTML/CSS

**Frameworks / Libraries / etc.** | TS/JS: React, Next.js, Angular, Node.js, zod, Zustand, React Query, tRPC, Drizzle, Jest  
PYTHON: Pandas, sqlalchemy, Jinja, FastAPI | ETC: Tailwind, Prisma, NGINX, JMeter, OAuth, WebSockets, SSE, git, Linux

**Cloud** | AWS S3 / Lambda / Route 53 / API Gateway / ECS, Google Cloud Vision, SST, Cloudflare CDN

## EDUCATION

**Oglethorpe University**

2012 - 2013

**Georgia State University Perimeter College**

2010 - 2012