

Ethan Anderson

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[LinkedIn](#)

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Brooklyn, NY

Full-stack software engineer with 19 years of technical leadership in film, TV and commercial production, optimizing mission-critical systems at scale. Fluent in agentic development workflows, designing multi-agent systems, directing LLM code generation and maintaining full architectural ownership of the output.

TECHNICAL SKILLS

Languages & Frameworks: *TypeScript, Python, React, Node.js, Astro, SQL, HTML, CSS*

Infrastructure & Systems: *Cloud infrastructure (GCS, AWS), PostgreSQL (Drizzle ORM), MongoDB (Mongoose), Supabase, Express, Hono, CI/CD (Vercel, Render, GitHub Actions), Git, API Contract Design, REST API design, Vitest, Jest, Playwright, NodeTest, Next.js, real-time systems architecture, event scheduling, distributed systems, AI Integration, backend API development*

Product & Design: *Figma, Adobe Creative Suite, rapid prototyping, user-centered design*

PROFESSIONAL EXPERIENCE

Full Stack Engineer at Phillips Corp. — NY, NY | *December 2025 - January 2026*

- **Shipped full-stack MVP in 2-week sprint:** Architected backend APIs and data structures to integrate legacy LMS systems into prototypes and support new product features based on stakeholder and user feedback.
- **Applied systems thinking to product design:** Implemented frontend design workflows and state management patterns to support a "Drag-and-Drop Program Builder" transforming manual enrollment into a unified digital experience.

Full Stack Engineer Fellow at Fractal Tech AI Accelerator — NY, NY | *October 2025 - December 2025*

800+ hrs of full stack engineering across 12+ projects. Built & shipped production-ready AI tools including custom agent systems and API pipelines. Mentored by senior engineers from Google, Netflix and Stripe.

Custom Claude Agent Dashboard ([Github Repo Link](#))

- **Operated multi-agent Claude Code workflows identifying a need for observability:** Designed and built a custom dashboard modeling agent task execution, sub-agent dependencies, and tool call events across a **backend REST API pipeline**.

Roland TR-08 Drum Sequencer ([Deployed Link](#))

- **Real-time systems architecture applied to audio:** Architected a **high-precision web audio sequencer** using Tone.js, React and Supabase implementing custom **event scheduling and transport synchronization**. Identified Web Audio API as the master clock and React as a UI follower, decoupling transport logic from render cycles to ensure frame-accurate playback.

TapBPM Extension for Raycast ([Open Source Contribution Link](#))

- **Engineered and open-sourced** a productivity extension using **TypeScript and the Raycast API**. Optimized user input latency for **millisecond-accurate tempo calculation** and handled **asynchronous state updates** within the Raycast environment.

AI Image Shootout

- Built an AI Image Generation **comparative evaluation tool** applying data science techniques to compare output quality across Stable Diffusion, Google Gemini and Black Forest Labs APIs.

Post Production Consultant at EA Productions (Founder) — NY, NY | *September 2019 - October 2025*

Clients: Squarespace, Beyoncé, Rove Beyond Agency, Acres Agency, Harbor Picture Company

Embedded across production pipelines as the technical lead and creative advisor between producers, clients, ad agencies and editors.

Post Production Manager at VOX Media Productions — NY, NY | *April 2019 - September 2019*

- **Led an Emmy-winning team under pressure:** Architected digital asset management system reducing operational latency by 10%. **Managed cross-functional teams** through complex production cycles, owned final deliverables to client specification and shipped on deadline.
- Diagnosed workflow bottlenecks across distributed media systems and **implemented process and tooling improvements**.
- Invested in team growth: Designed, documented and taught workflow processes to direct reports, building institutional knowledge and enabling independent execution.

Editor/Motion Designer/Colorist at EA Productions (Founder) — NY, NY | *January 2017 - Present*

Clients: Beyoncé, Spotify, VICE, ESPN, MATTE Agency, Rock Paper Scissors, Arcade, Picture Farm

- Increased audience engagement by 15% across multiple platforms by utilizing creative storytelling for Broadcast TV commercials, short and long-form video content **incorporating contemporary aesthetics** for sports, fitness, and lifestyle **ensuring visual storytelling aligned with brand vision**.
- **Boosted viewer engagement** 35% by incorporating custom graphics and animations using Adobe Creative Suite while **maintaining brand consistency across platforms**.

EDUCATION

Savannah College of Art & Design — Savannah, Ga | *Bachelor of Fine Arts*

Major: Film & Television Production, Minor: Animation