

Michael Farina

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EXPERIENCE

Software Engineer II

Nov. 2023 – Present

Transcend

San Francisco, CA (Remote)

- Implemented core features for privacy request system redesign, including job processing pipeline logic, UI components, and database schema migrations, enabling customers to design flexible privacy request flows tailored to their systems.
- Built an identity verification service with Stripe Identity that validated end-user data against verified records, automating privacy request verification and reducing manual review; partnered with enterprise stakeholders to define requirements.
- Designed and developed data retention features allowing customers to configure retention policies in the admin dashboard to schedule automated deletions and control data scope, supporting compliance and reducing storage overhead.

Full-Stack Engineer

May 2021 – Aug. 2023

InsurGrid

San Francisco, CA (Remote)

- Joined as the third engineer at a pre-seed startup and built core full-stack applications from the ground up, enabling insurance agents to securely collect and validate client policy documents while streamlining onboarding.
- Developed and iterated on the company's early platform, consisting of an agent dashboard, client intake flow, and a scraping-based service for credential validation and policy data retrieval.

Full-Stack Engineer Intern

Dec. 2019 – June 2020

Trellis

- Contributed to a Ruby on Rails application by implementing features to manage greenhouse data models in a collaborative development environment.

PROJECTS

Baseball Near You | baseballnearyou.com | *TypeScript, React, Next.js, PostgreSQL, NX, Vite*

- Co-founded and launched a platform helping players and families find, contact, and review local baseball teams.
- Grew to over 500 registered users and 14K weekly visitors during peak baseball season, driven by organic search and SEO-focused content.
- Structured as an NX monorepo with a public-facing Next.js app built with TypeScript, React, TailwindCSS, Sanity CMS for blog content, and an internal Vite admin dashboard for user management.
- Sole engineer responsible for all architecture decisions, full-stack development, design, and infrastructure.

Freeequency | *TypeScript, Next.js, Tone.js, Konva.js*

- Building a browser-based digital audio workstation (DAW) with multi-track editing, playback, and real-time audio processing.
- Engineered playback logic with Tone.js and interactive timeline and piano roll editing with Konva.js.

Sampler | sampler.mikeyfarina.com | *JavaScript, Web Audio API, HTML, CSS*

- Designed and developed a browser-based rhythmic audio sequencer inspired by MPC-style drum machines.
- Implemented track-level audio effect panels with custom algorithmic effects powered by the Web Audio API.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL (PostgreSQL)

Frameworks / Libraries: React, Next.js, Node.js, NestJS, CSS, Tailwind CSS

EDUCATION

Pace University

Computer Science

New York, NY

Sept. 2016 – May 2020