

Nelson Schnepf

(480) 202-1476 · nmschnepf@gmail.com · linkedin.com/in/nelson-schnepf · github.com/nelsons502

Software engineer with full-stack TypeScript and applied machine learning experience. Most recently owned reliability and defect resolution on a HIPAA-regulated healthcare platform, shipping 131 pull requests across 12 packages in five months. Background in one-on-one CS instruction with 3,000+ hours of teaching, which presents as unusually clear code review and written communication.

EXPERIENCE

Flax.ai

April 2026 – September 2026

Full-stack TypeScript Developer

Remote

- Owned defect triage across a 12-package TypeScript monorepo (131 merged PRs, 53 tickets), freeing the lead engineer roughly two hours daily for feature work.
- Shipped a customer-facing status page with live service health and admin incident management; the next site-wide outage generated zero inbound support contacts, down from a full manual triage load.
- Shipped an AI-safety feature across a Python service, PostgreSQL schema, and TypeScript frontend that withholds the product's clinical recommendation when a referral lacks sufficient documentation.
- Built an automated code-review tooling catalog that pre-reviews branches against the team's documented standards, plus MCP integrations for Sentry, Linear, Outline, and Slack.

DataAnnotation

September 2025 – Present

AI Model Evaluator

Remote

- Evaluate frontier coding models from every major AI lab against real open-source codebases: write the task specification, assess the implementation critically, and document failure modes in comparative technical analyses.

Focus Coding LLC

July 2025 – Present

Owner and Instructor

Remote

- Founded and run a private tutoring business: 8–10 students weekly, 100+ hours delivered, with a custom six-month mastery-based curriculum built per student.
- Built and operate the business's own software: a Next.js marketing site, a Supabase-backed practice-test app, and an Express/Prisma API, deployed with Docker.

Juni Learning

December 2021 – July 2025

Computer Science Instructor

Remote

- Taught 15–20 students weekly in Python, Java, C++, web development, and data science across 3,000+ hours of one-on-one instruction.

PROJECTS

Stint (Electron, React 19, TypeScript, SQLite/Kysely)

Built and shipped an open-source macOS menubar time tracker with a paid tier gated by Ed25519 license verification — a cryptographically enforced paywall that holds even though the source is public.

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C++, C, SQL

Frontend: React, Next.js, Tailwind, Electron, WebSockets

Backend & Data: Node.js, Express, PostgreSQL, Prisma, SQLite, MongoDB, REST APIs, Zod

Cloud & DevOps: AWS (ECS, EC2, CloudFront, RDS), Docker, Pulumi, GitHub Actions, CI/CD

ML & AI: PyTorch, TensorFlow, Scikit-learn, Pandas, LLM evaluation and rubric design, MCP integrations

Practices: Test-driven development, code review, incident response, Agile, technical specification writing

EDUCATION

Brigham Young University

August 2025

B.S. Computer Science, Emphasis in Machine Learning; Minors in Mathematics and Family Life

Provo, UT

ICPC competitor 2022 and 2023; BYU Competitive Programming Club. Half-tuition scholarship recipient.