

Stephen Drew

Senior Full-Stack Engineer | Platform & API | Technical Leadership

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Profile

Senior software engineer and technical leader with 20+ years of experience building web platforms, APIs, integrations, and data-intensive products. Experienced with Ruby, Node.js, React, PostgreSQL, and MongoDB, spanning platform architecture, performance improvements, technical leadership, and engineering mentorship.

Skills

Backend: Ruby, Node.js, Elixir, Go, PHP, Rust, API Design

Frontend/Mobile: React, TypeScript, Swift, Objective-C

Data: PostgreSQL, MySQL, MongoDB, BigQuery, Redis

Infrastructure: AWS, GCP, CI/CD, Kubernetes

Work Experience

Etsy | etsy.com, Senior Software Engineer

Dec 2025 – Aug 2026

- Planned and delivered a homepage visual-identity refresh across multiple modules, migrating legacy styling to Etsy's design system and coordinating implementation, QA, rollout, and cleanup.
- Investigated production layout-shift regressions, identified the primary problem modules, resolved CI and responsive-rendering issues, and supported the full rollout.
- Shipped buyer-experience improvements involving content-grouping metadata, review-media refactoring, shop filtering, and listing pages.
- Supervised and mentored an intern in Spanish through Etsy's development, review, and deployment workflows while documenting solutions to common tooling and onboarding problems for the summer program.

Reverb | reverb.com, Senior Software Engineer

May 2023 – Nov 2025

- Co-developed a next-generation saved-search feed that replaced an hours-long daily batch process with on-demand Elasticsearch queries, making new listings immediately visible for 95% of users.
- Reworked saved-search generation and persistence to normalize query variations, safely consolidate duplicates while preserving user preferences, and generate localized subtitles without added latency or large-scale backfills.
- Optimized Recent Watches data access to surface trending listings without significant database impact.
- Modernized Braze and Litmus email tooling and introduced region-based delivery windows for daily feed emails, accelerating template feedback, increasing click-through, and reducing stale-user classifications.

Great Question (W21) | greatquestion.co, Senior Software Engineer

Mar 2022 – Nov 2022

- Delivered Ruby and React product features, APIs, and third-party integrations.
- Improved platform stability and performance through backend refinements, API and data-model design, and PostgreSQL optimization.

Optic Power | opticpower.com, Senior Software Engineer

Sep 2020 – Jan 2022

- Built and optimized backend services and APIs using Elixir and Node.js.
- Designed and optimized PostgreSQL and MongoDB data models for application features and backend processes.

Self-employed | sdrew.me, Senior Software Development Consultant

Jul 2019 – Sep 2020

- Provided technical leadership and hands-on development for an established SaaS company and a VC-backed startup.
- Helped address scalability constraints, deliver product features, and execute platform upgrades.
- Mentored engineers and advised teams on architecture, implementation, and technical decision-making.

Tremak Intl. | onestopinteractive.com | tremak.com, Head of R&D - Lead Developer

Jun 2009 – Jun 2019

- Advanced from Programmer / 3D Modeler / Web Developer (May 2006 – Jun 2009) to Head of R&D and Lead Developer during a 13-year tenure.
- Led development of reliable and secure e-commerce solutions for e-learning and retail.
- Partnered with marketing agencies to deliver web and mobile experiences including games, websites, digital campaigns, contests, and interactive installations.
- Turned one-off branded campaign builds into a catalog of reusable technology offerings.
- Produced 3D previsualizations for interactive installations and trade-show environments.

Education

Universidad Iberoamericana, CDMX, Bachelor of Computer Science - Software Engineering

2001 – 2006

Tecnológico de Monterrey (ITESM), Edo. Mex, Bachelor of Computer Science - Software Engineering

1998 – 2001