

Mike Peterson

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Skills

Languages: TypeScript, JavaScript, Python, SQL, GraphQL

Tools: React, Next.js, Tailwind, TanStack Query, Zustand, Playwright, Git

Experience

Founding Software Engineer, Luca (YC W23) June 2024 – Present

- Achieved 76%+ latency reduction for key user actions by optimistically updating the UI with TanStack Query, applying appropriate Postgres indices, and processing requests in batches concurrently
- Informed users of current pricing landscape by aggregating price index data for competitor products and sending a weekly summary notification via Slack and email
- Enabled pre-launch feature testing with branch previews and Launch Darkly feature flags
- Ensure smooth data ingestion by building and documenting REST APIs that were easy for our competitor intelligence provider to use

Senior Software Engineer, Avogadro September 2023 – March 2024

- Led initiative to establish and maintain coding standards for the frontend team
- Protected product stability by building an end-to-end test suite using Playwright and GitHub Actions
- Streamlined lead generation by building a tool to systematically source prospects from LinkedIn, sort by relevancy, and import to Hunter.io (React, Typescript, Tailwind, Cloudflare)

Senior Software Engineer, Contractor for Zillow August 2022 – June 2023

- Revamped internal tool used by 120 loan officers to facilitate ~\$72,000,000 in mortgages per month
- Achieved an 88% productivity increase for loan officers by building systems that 5x'ed the number of mortgage offerings they could present to customers at one time
- Extended document generation microservices using Go (Golang), Python, and Pytest, enabling loan officers to send customers professionally formatted PDFs

Software Engineer, Masterworks.io November 2021 – August 2022

- Built a proof of concept integration with Plaid that showed the potential for personalized recommendations based on the financial habits of our customers

Software Engineer, Wonderful Pistachios and Almonds January 2021 – November 2021

- Enabled real-time access to rented equipment data by developing a REST API that retrieved data from Herc's Telematics customer portal, improving equipment tracking and operational efficiency

Junior Software Engineer, STEMtaught October 2018 – January 2021

- Built a textbook digitization system that highlighted words as an audio recording read the text aloud
- Used Python and Google's Speech-to-Text API to determine the timing of each word, allowing the React UI to synchronize the highlighted words with the audio recording