**Ryan Trainor**

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**Rebuilt Shaan Puri's blog as a high-performance web app**

https://shaan-nuxt.pages.dev
*05/2024*

- Rewrote the UI of Shaan Puri's blog as a Nuxt/Vue app hosted on Cloudflare Pages with Tailwind.
- Built and deployed a custom Cloudflare Worker to serve as the cache layer for Shaan's real blog posts.
- Wrote a REST API server in Laravel to handle the server-side business logic of the new web app.
- Designed the Article table in the Cloudflare D1 SQLite database and connected the DB to the Laravel server.
- Improved Shaan's blog Google Core Web Vitals scores to perfect 100s across the board, and initial page load is now 3x faster.
- **Technologies**: Laravel, Vue, Nuxt, Cloudflare D1, Cloudflare Workers, Cloudflare Pages, Tailwind, Laravel Vapor, Laravel Breeze, and SQLite

**Founder - Lightup**

https://lightup.fyi
*10/2023 - 05/2024*

- Architected a model-view-controller (MVC) system with PostgreSQL as the model, HTML/CSS and Solid as the view, and a custom-built TypeScript/JavaScript finite state machine as the controller
- Designed and built pages for the 1st hosts on the platform
- Responsible for the architecture of the entire app, from database to client
- **Technologies**: Solid.JS, Astro Build, Cloudflare Pages, PostgreSQL, Tailwind, HTML, CSS, REST

**Senior Software Engineer - OfColor**

https://www.ofcolor.com
*10/2022 - 10/2023*

- 2nd most senior member of the engineering team and 8th employee
- Proposed, planned, and shipped the 1st native iOS and Android apps using React Native and Expo
- Converted the entire codebase from Styled Components to TailwindCSS
- Proposed, designed, and built new features as part of the engineering and product teams
- Conducted internal and external user interviews
- **Technologies**: React, React Native, Tailwind, Styled-Components, Remix, TypeScript, JavaScript, React Query, Docker, Nest

**Head of Frontend Engineering - Confidence**

https://www.confidence.com
*08/2020 - 10/2022*

- 1st employee who led and built a team of 8 engineers.
- Led the startup from initial idea to product-market fit, first paying customers, and successful fundraising.
- Interviewed and hired the frontend team from scratch.
- Mentored junior engineers.
- **Technologies**: React, React Router, Express, REST API, HTML, CSS, JavaScript/TypeScript, Jest, and MySQL

**Software Engineer - Pushquery**

*08/2016 - 08/2020*

- Shipped first iOS and Android apps in the Apple App and Google Play stores.
- Built and maintained a React and React Native component system across web and native apps.
- Helped develop internal and external APIs.
- Non-relational data modeling
- **Technologies**:React, React Native, GraphQL, Apollo, Ethereum, MongoDB, and Firebase

**University of California, Berkeley - B.A.**

*09/2009 - 06/2012*