

Pat Sissons

Engineering

1688 Pullman Porter St, Unit 1303
Vancouver BC, V6A0H3

<https://www.linkedin.com/in/patsissons/>

+1-780-690-3200

patricksissons@gmail.com

<https://resume.patsissons.dev>

About me

I'm a Vancouver based Front End Developer, currently working at Goldsky building a real-time data platform for blockchain data. Previously I was a Senior Staff Web Developer for Shopify, most recently on the Blockchain team. I've been building software professionally for over 15 years.

Experience

More history available on my LinkedIn profile.

Goldsky / Engineering

2023 - present, 1.5 years, Remote

I joined the startup Goldsky early in 2023 to help grow their blockchain data services product by working closely with our designer to rewrite the marketing site and web app front end from scratch. I have been a core part of our small engineering team, helping out from the AWS k8s layer, to front end engineering in all capacities, all the way up to DevRel at external events. Below are some of my notable accomplishments:

- [React/TS] full rewrite of the marketing site in modern NextJS
- [React/TS] launching indexed.xyz public data project
- [Svelte/TS] full rewrite of the web app and improved design system
- [Datadog] campaign to reduce our costs by 50% while improving visibility and context of our logs and APM
- [Node/TS] launched CLI wizard feature to simplify subgraph deployments for developers new to the blockchain ecosystem
- [Node/TS] launched enrichments JSON DSL to encode custom subgraph entities and transformers

Shopify / Senior Staff Web Developer

2017 - 2023, 5 years, Remote

I worked at Shopify for 5 years on many different teams building various large scale projects. I started out as a web developer and quickly grew into a senior web developer role a few months after joining. I then grew into a staff web developer about 1.5 years after joining, and was promoted to senior staff shortly before departing. I built teams, ran projects, supported other teams, orchestrated relationships with external parties, and operated the after work social program in Vancouver. Below are some of my notable accomplishments:

- [React/TS] I was responsible for building the majority of the initial front end GraphQL infrastructure that Shopify relies on today
 - [React/TS] I built the front end merchant administrative interface for the Capital merchant financial reporting system
 - [Rails/Ruby] I built the Buyer financing settlements engine for the Installments (buy now, pay later) product
 - [React/TS] I built the mobile blockchain wallet connection infrastructure for the Shop app
 - [Spec/Doc] I designed the Standard Gates protocol for delegated attestation of digital goods
 - [Rails/Ruby] I built the tokengated commerce engine that is implementing the above Standard Gates protocol
 - [DevRel] I launched the first Bitcoin bounty at Shopify
 - [Research] Published patent on [Methods and systems for multiple gating verifications based on a blockchain wallet](#)
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Education

University of Alberta / BSc Computer Science Specialization

2007, Alberta Canada