

# Nathan Charrois

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## Coinbase - Senior Software Developer

May 2021 - Jun 2025

Coinbase is the largest exchange for buying, selling, transferring, and storing digital currency.

- Frontend lead for Simple Asset team, responsible for quality on Assets, Asset detail, and Account screens (web and mobile).
- DRI for the redesign of assets screen, a cross-functional initiative to consolidate portfolio balances in a single service.
- Maintained strict quality SLAs for latency and error metrics; introduced observability via Datadog dashboards and Slack bots.
- Initiated, commanded, and helped drive incident response; surfaced incident-level regression metrics via Slack integration.
- Collaborated with sibling teams to reduce and sustain app-wide error rate from >2.0% to 0.1% across 25M+ user sessions.
- Improved content layout shift and time to first byte "Good" scores from 10% to 80% in collaboration with infra team.
- Participated in company-wide, high visibility initiative to audit and revise error and graceful fallback states for web and mobile.
- Evaluated over 50 junior, mid, and senior level candidates in technical and system design interviews for the Consumer org.
- Helped decomp monolithic legacy code into microservices, primarily for user referral and user vault services.
- Received Coinbase high impact awards (Q2 2022, Q1 2023); promoted to Senior Engineer (Q3 2023).

## Quoter Software Inc. - Software Developer

Sept. 2015 - May 2021

Quoter is cloud-based quoting platform for MSPs. Create quotes with standardized product, pricing, and quotation details.

- Had ownership over frontend repositories, including project planning, deployment, and work delegation.
- Created frontend domain driven microservices such as product catalog, user billing, and quote create.
- Wrote power-user friendly and desktop competitive UI in React/Redux/Typescript and SCSS.
- Built and maintained application test suite using Jest and E2E testing using CypressJS.
- Worked with document generation tools; wkhtmltopdf, DOMPDF, chrome headless browser.
- Worked extensively with client-server communication tools via CakePHP, JSONAPI, RESTful practices.
- Worked closely with project managers and product teams to plan, wireframe, and develop features.
- Maintained UI library, templates, documentation using React Storybook.

## Pointstreak Sports Technologies - Software Developer

Sept 2013 - Jun 2015

Pointstreak delivered three tightly integrated SaaS solutions to over 2,500 clients in North America, redefining modern score keeping, registration, and sports applications.

- Took features from conception to implementation through Agile development process.
- Worked with RESTful APIs to create statistic-rich, responsive user interfaces.
- Developed sport-specific content management system using CakePHP.
- Developed rich calendar and scheduling application using Backbone, jQuery and API.
- Lead initiative to create developer friendly UI library using HTML, SCSS, and Gulp.
- Successfully planned and executed legacy product migration and upgrade.

## University of the Fraser Valley

Bachelor's of Computer Science, 2012