



# Austin Paquette

Software Engineer · Interface Designer · DX Evangelist

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@pqt

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## EXPERIENCE

### Software Engineer – Staff, Front End – Security Compass (2023 - current)

Current

Leading an engineering initiative to provide feature completed and well-tested components and utility function abstractions to the entire organization. I also provide resources in the form of education or code samples to teams internally to get the most out of what is offered. I also spend a considerable amount of time cleaning up existing code, refactoring to improve their API surface areas or researching alternative ways to solve a problem that may not have been available years ago when it was originally solved.

### Software Engineer – Principal, Full Stack – Forcir Software (2021 - 2023)

Failed Startup

Developing comprehensive sports analytics software responsible for processing extremely large sets of information related to gameplay and statistics. I oversee the ideation, drafting of technical specifications, time estimation, and finally the follow-through of any given project. I work with a range of technologies depending on what's best for a given job in a multi-service environment. After struggling to find product market fit the technology was turned into a job hunting companion which again struggled to find meaningful traction in a highly competitive and turbulent job market.

### Software Engineer – Principal, Full Stack – Neo Financial (2020)

Unicorn

Developed GraphQL APIs on a microservices architecture, made using TypeScript and consumed by a React front-end. Championed a custom email template system, lead the marketing website development, and created build tools related to compliance requirements on project tickets and code history.

### Software Engineer – Staff, Full Stack – Digital Nomad Apparel (2019)

Established a frighteningly detailed analytics and advertising data funnel to complement the e-commerce website's success. Streamlined awareness campaigns for contests, discounts, meetups, and more through bespoke software solutions.

### Software Engineer – Staff, Front End – Control (2015 - 2018)

Championed a custom dashboard built for businesses to visualize multiple income streams. Worked closely with multiple Fortune 500 companies, Visa, and National banks to provide an unmatched set of tools for reporting financial information.

### Software Engineer – Principal, Full Stack – AdvisorNet (2013 - 2015)

Lead the research, prototyping, and development of software solutions for Financial Advisors located coast-to-coast within Canada. Worked closely with stakeholders to dramatically reduce operational latency and turn around time for client onboarding.

## NOTABLE PROJECTS

### Big-Data Migration Tool – GitHub (Closed Source)

Kotlin application leveraging a (then new) coroutine async flow processing hundreds of millions of database rows to be migrated to a new structure. It was a successful attempt at eliminating legacy databases left in service and not migrated.

### Social Preview – GitHub (Open Source)

Generates a stylish meta (social media) preview for your GitHub repository. The web app makes it dead simple to put in your username (or organization name) and





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## ➤ CONTRACTS, TEMPORARY & NDA PROTECTED

Unfortunately, some of the coolest stuff I have worked on is largely kept from the public through non-disclosure or property transfer agreements. In an effort to respect these agreements, some information is boring & generic.

### Client – Quant Data

#### Options Trading Dashboard – Principal, Front End – Financial Services

Lead the overhaul of the frontend service decoupling from a Java bundled application to dedicated React single page application (SPA). I oversaw the processes from concept to completion and provided the necessary education for other developers to get involved with extending core features. Additionally I played a key role in establishing the API architecture.

**Notable Tech:** NextJS, React, TypeScript, Web Sockets

### Client – Nissan

#### Marketing Website – Senior, Front End – Enterprise, Automotive

I worked in a team of ~100 developers, designers, and project managers across seven (7) continents involved in a massive marketing campaign. Used a proprietary templating engine to build and rebuild localized web pages published worldwide. Viewed by well over 100M unique visitors during the campaign's lifetime.

### Client – Apple

#### Internal Tools – Solo, Front End – Enterprise

Involved in a highly protected (secretive) project with very specific needs and circumstances. I provided the "V" in the MVP proving it was indeed viable while also jumping through significant technical and legal hurdles.

**Notable:** Global Industry Leader

### Client – Real Estate Webmasters

#### Specialized CRM – Principal, Front End – Enterprise, Real Estate

Worked in partnership with the most well-known real estate moguls. Pioneered the finest tools used by elite realtors, firms and brokers around the world and helping drive billions of dollars in annual revenue.

## ➤ ADDITIONAL PROJECTS

### Subsequences – GitHub (Closed Source)

Easily generate subsequences from a provided enumerable dataset. A subsequence is a sequence that can be derived from another sequence by removing zero or more elements, **without changing the order of the remaining elements.**

### Querir – GitHub (Closed Source)

Abstract class for creating an Axios-like API client, built on top of native Fetch API so it could be run inside of Edge Functions/Edge Runtime.

### Abbreviate – GitHub (Open Source)

Abbreviate numbers in the Thousands (K), Millions (M), Billions (B) and Trillions (T).