

Caio Amaral Corrêa

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Tech sector specialist relocating to Vancouver, BC with 7+ years of experience in promoting and accelerating digital transformations throughout sectors like finance, entertainment, insurance, and more.

SKILLS

TypeScript | JavaScript | React | Vue | Svelte | Angular | Apollo GraphQL | CSS | SASS | Tailwind | NextJS | Vite | NodeJS/Bun/Deno | C# | .NET | Clojure | Golang | Python (Flask, Django, FastAPI) | Scala | BASH | Swift | PHP | Azure | AWS | Cloud Computing | CI/CD | Jest | Cypress | Playwright | Unit Testing | Lambda | OOP | Functional | Docker | Kubernetes | Prometheus | Grafana | Kafka | MongoDB | PostgreSQL | CI/CD | Azure Pipelines | Jenkins | Microservices | Distributed Systems | Message Queuing | Frontend | Backend | Full-Stack | English and Portuguese

PROFESSIONAL EXPERIENCE

Senior Software Engineer **Find My Past - Vigil.Global** *London, UK (Remote) 06/2023 ~ now*

- Increase customer retention by 40% through the implementation of new features like a new on-client image viewer and enhanced family tree interactions
- Optimize performance and availability for critical system components using systems design strategies like adding caching layers among with other optimizations which led to 99,999% of availability and made the system scalable.

Software Engineer | Frontend Lead **ITV - Vigil.Global** *London, UK (Remote) 05/2022 ~ 05/2023*

- Led the frontend development of webapps for acquisition commissioning simplifying the decision making for acquiring and producing new shows making it possible to analyze and compare multiple data vectors at ease
- Introduced agile rituals, organize and promote bi-weekly reviews which increased team productivity in 190% (from 9 to 21 bi-weekly delivery points)
- Helped decrease infrastructure costs and response time by promoting a change and migrating server-less structures from Scala to Golang as a part of bi-weekly experiments
- Improved Frontend development throughout the company with AST-based refactoring tools, syntax transformers, component libraries and benchmark tools that helped frontend devs query and optimize their applications.

Software Engineer | Frontend Lead **XP Inc.** *São Paulo, BR (Remote) 03/2020 ~ 03/2022*

- Led all frontend projects for Private and MFO customers (most profitable customers at XP)
- Led the creation of a offshore investment platform for Brazilians to invest in the US stock market
- Led accessibility-first features for XP Portal with a average of 3 million users/day
- Collaborate on internal tools like: Micro-Frontend Bundler, component libraries, CI/CD pipelines, a tool to scaffold webapps and more

Software Engineer | Frontend Lead **XP Securities** *Miami, US (Remote) 02/2019 ~ 03/2020*

- Led all frontend products for XP Miami office including a investment platform for high net-worth customers (minimum of 500K USD) to invest their assets, make banking transactions, check their balance, all in realtime which dramatically reduced human intervention and profited *615 million USD* after operating for an year.

Senior Frontend Engineer **Lambda3** *São Paulo, BR (Remote) 10/2018 ~ 02/2019*

- Created component libraries using tools like styled-components that helped customers implement their frontend

Frontend & Mobile Lead **Undisclosed Startup in Orlando FL** *Orlando, US (Remote) 01/2018 ~ 01/2019*

- Led the development of React-Native apps for android and iOS that helped people find entry-level jobs.

Frontend Software Engineer **Santander -Resource IT** *São Paulo, BR (Remote) 01/2018 ~ 01/2019*

- Created realtime dashboards for presenting credit card transactions

INVITED TALKS

- **React for Speed: Fine-Tuning your app for peak performance** *ITV | Vigil - August 2022*
- **Improve page speeds with web fundamentals** *ITV | Vigil - August 2022*
- **A brief history of E2E testing and how we got to Playwright** *Online Meetup | ITV | Vigil - August 2022*
- **Functional programming with React** *XP Inc. - August 2021*
- **Handling technical debt and premature optimization** *XP Inc. - October 2020*

PERSONAL PROJECTS

- **Compare Json Schemas** - CLI and Lib to assert and compare JSON schemas
- **Apple Watch Calendar Widget** - A apple-watch like calendar widget that stays on your mac's desktop
- **Podcasts appearances**