Eduardo Omine

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Summary

Senior Frontend Engineer with 19 years of experience building large-scale customer-facing applications. Expertise in architecting modern frontend systems using React, Next.js, and TypeScript. Proven track record of leading rebuilds, improving performance metrics, and collaborating across disciplines.

Professional Experience

Replay Poker (via Flexcode)
Senior Frontend Engineer

Remote, United Kingdom
June 2021 – February 2025

- Led the initiative to rebuild the website with Next.js and TypeScript, from the initial tech research through implementation, including a custom authentication system that integrated with the existing Ruby on Rails / Backbone.js website. The rebuild reduced the home page's CSS download size by 79% (54.1kB to 11.3kB) and JS download size by 55% (763kB to 337kB).
- Built the API endpoints needed for the new website on the Rails backend, including SQL database interactions, comprehensive specs, and Swagger documentation.
- Worked hand-in-hand with DevOps to implement a system to release new Next.js pages alongside existing Rails pages, using nginx rewrites.
- Added new features, fixed bugs, and optimized performance on legacy codebases with React, Redux, Backbone.js, Socket.io, Bootstrap CSS, and Ruby on Rails.
- Improved Core Web Vitals on public pages by optimizing JS and CSS requests on those pages, in collaboration with the SEO team.
- Integrated with DevOps using Google Cloud Platform (Build, Storage, CDN), Kubernetes, and Grafana for CI/CD pipelines, asset optimization, deployment management, and monitoring.
- Experience in a microservice-oriented architecture, with services written in Ruby or Elixir and communicating through Google PubSub.
- Worked within a global team spanning the UK, Europe, and USA, with communications held exclusively in English.

Freelancer
Senior Frontend Engineer

São Paulo, Brazil
September 2012 – June 2021

- Led the development of websites, web applications, and mobile apps using a variety of technologies: React, Redux, Next.js, Typescript, React Native, Angular, RxJS, Kotlin, Material UI, Sass, Jest, Jenkins, among others.
- In larger projects, I took architectural decisions and mentored junior developers.
- Experience with SDLC practices in a CI/CD environment, Agile methodology (sprints, daily standups, retrospectives), automated testing, code reviews.
- During this period, I have worked with consultancies providing services for clients such as Banco BV ConectCar, PlayArte, the Prefecture of the City of São Paulo, Rico, among others.

Highlight Projects

Meu Carro Novo (via Jurema)
Senior Frontend Engineer

São Paulo, Brazil
June 2019 – February 2021

- Led development of the new front-end of a car ad portal owned by Banco BV.

- Designed the new front-end architecture, comprising 2 component libraries and 5 applications.
- Chose and implemented third-party libraries, such as Akita for state management.
- Defined the front-end team's coding standards.
- Mentored 2 junior developers in the team, offering technical advice and reviewing pull requests.
- Collaborated with designers and product managers in an Agile environment to deliver user-centered features through regular sprints and iterations.
- Technologies used: Angular, Typescript, RxJS, Akita, Material UI, Sass, Jest, Jenkins.

Currículo Digital (via Jurema) — São Paulo, Brazil
Senior Frontend Engineer — May 2018 – June 2019

- Led development of a portal for teachers of public schools of the Prefecture of the City of São Paulo.
- This project is open-source: https://github.com/prefeiturasp/SME-plataforma-curriculo-interface
- Technologies used: React, Redux, Material UI, Sass.

Earlier Career

- Frontend Developer/Designer roles at Rumba, Colmeia, and Gauge (2006 – 2012).

Continuous Education

- **Total Typescript**: advanced Typescript patterns (April 2025).
- **Epic React (V1)**: advanced React patterns, performance and testing (May 2025).

Technical Skills Summary

- **Frontend:** React, Next.js, TypeScript, JavaScript, Angular, Redux, Socket.io, Material UI, Bootstrap, Sass, Jest, React Testing Library.
- **Backend:** Ruby on Rails, PHP, MySQL (relational DBs), REST APIs, Swagger.
- **Architecture:** microservices, component libraries, state management patterns.
- **DevOps:** CI/CD, Google Cloud Platform, Docker, Kubernetes, Grafana, Jenkins.
- **Process:** Agile methodology, SDLC, Git, code reviews, bug reporting, monitoring.
- **Other:** Core Web Vitals, accessibility.