

Filipe Merker

Senior JavaScript Engineer

Contact Information

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Professional Summary

Seasoned Senior JavaScript Engineer with 12+ years designing, building and optimizing web and mobile applications. Passionate about code quality, test automation and delivering outstanding user experiences in fast-paced startups, large enterprises and everything in between. I'm looking for a fully remote position.

Technical Skills

JavaScript, TypeScript · React · NextJs · NestJS · Various state management tools (redux, context, jotai, zustand) · React Native · Vue.js · Node.js (both lambdas and full blown systems) · GraphQL · Micro-frontends · Vite/Webpack · HTML5 · CSS3/SCSS · Jest · Cypress · Playwright · Testing-Library · GitHub Actions · Agile/Scrum · Cloud Basics (AWS/Docker/K9s)

Professional Experience

Voiceflow – Senior Software Engineer

Feb 2022 – Present

- Worked full-time remotely for a Canadian startup specializing in AI Agents, **building at scale** to deliver **millions of messages** to customers on a platform used by **500.000+ teams**.
- Built a sandboxed JS code editor (**Slate.js/React/TS**) bundled in our **component library** for reusability, connected to a Node/NestJS code-interpreter API—now integrated to tens of thousands of AI Agent deployments extending their in-flow capabilities.

- Designed and shipped a self-service template management system (**TypeScript/NestJS + Zod + Github**) that offloaded **30K+ lines of JSON to S3** and created a secure and isolated deployment Pipeline—empowering Product folks to publish templates in 20 min vs. 48 hrs.
- Built many full-stack features: abstracting **reusable UI in Storybook**, implementing client routing and domain logic in **React**, all powered by our **Logux real-time store** connected to **NestJS** controlled services, always monitoring performance in **DataDog** for our 1m+ users.

SoftServe – Senior Full-stack JavaScript Engineer

Jan 2020 – Feb 2022

- Worked full time remotely for a German retail company called toom.de building at scale for more than **7 million monthly visitors**.
- Architected and migrated a large-scale web application to micro-frontend architecture using **TypeScript, React, Redux & SSR**.
- Led performance optimizations, reducing bundle size by about **20%** and improving first-paint times by more than **2 seconds**, by refactoring components and using **above-the-fold** technique, **split chunks**, **tree shaking**, lazy loading (pre-react suspense) and html **tag optimization** (deferred scripts and prefetched css).
- Established end-to-end **test pipelines** with **Cypress** and **Jest**, increasing coverage from 0% to a standard of 70%+. Also, implemented a **health-check Cypress suite**, connected to a **PagerDuty** alarm resulting in 3+ successful rollbacks of mission-critical services.

Praticantes – Principal Engineer

Nov 2017 – Dec 2019

- Co-founded and scaled a social-media mobile app to **more than 100.000 users** at peak; led a 3-person dev team, conducting code reviews and mentoring.
- Built most of the **React Native + Express + Mongo + GPC** stack from scratch.
- Established an automated test pipeline with **Jest & Testing-Library**, cutting manual QA cycles by more than 70%.

- Improved the **performance** of big complex lists to a solid **60 FPS**. At the time, wrote [this article](#) that became the standard on React Native List performance and later was added to the [official docs](#).

Gaucha ZH (*Biggest news outlet of southern brazil*) – Front-end Engineer

Mar 2017 – Nov 2017

- Worked as a **React specialist** to the Gaucha ZH team building a news portal using React, Redux & GraphQL.
- Lead the team building the in-app radio streaming service **consumed by 1000+ DAU**.
- Lead the implementation of the front page's content section using react components rendered recursively.
- Lead the R&D of custom placeholders for a smooth page loading experience across the app.

Trinca – Front-end Developer

Mar 2016 – Mar 2017

- Delivered performant, interactive web applications for top clients, such as Red Bull, L'Occitane and others.
- Championed the usage of Frameworks like React and VueJS and the component-based architecture.

MMDA Digital – Front-end Developer

Apr 2015 – Mar 2016

- Built cross-browser Drupal sites; collaborated with designers to implement pixel-perfect themes
- Improved front-end performance through code splitting and asset optimization

Plano Transmedia – Front-end Developer & Lead (2014+)

Jul 2012 – Apr 2015

- Developed client-facing websites from scratch; later acted as technical lead liaising with clients

- Introduced modular CSS and JS patterns to streamline multiple project hand-offs

BigHouse Web – Web Developer

Feb 2012 – Jul 2012

- Created custom WordPress themes and plugins; handled full-stack PHP/JS development
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Selected Projects

- **Voiceflow** (voiceflow.com): Typescript/React/Nest and real time system with Logux. I have led the development of significant parts and features of this app.
 - **Gaúcha ZH** (gaucha.clicrbs.com.br): React/Redux/Graphql news portal for South Brazil's largest regional publisher.
 - **Toom** (toom.de): Led micro-frontend architecture and rebuilding of the search page; Championed test-automation and health checks with cypress.
 - **Praticantes App** (praticantes.org): Co-founded social-media mobile app to a scale of 100k+ users; engineered it from scratch; architected test infrastructure.
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Languages

Portuguese – Native

English – Fluent