Rubén García García

Senior Frontend Engineer | React & TypeScript

Madrid, Spain | Remote EU | Hybrid Madrid
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Profile

Senior frontend engineer building web applications since 2019, specialising in React and TypeScript. Experienced in owning data-intensive interfaces, performance optimisation, API integration, automated testing and technical mentoring.

Experience

Senior Front-End Developer | **Amaris Consulting**
Oct 2022 - Present | Madrid, Spain

- Technical owner of the React and TypeScript front end for SAW, an operational incident-monitoring platform for Global Omnium and South Australian Water; translated requirements into maps, station tables, charts, alarms and API integrations.
- Improved observed full-screen initial load time from **over 10 seconds to under 2 seconds** while handling thousands of stations and data points updated as often as every minute, using map clustering, server-side table pagination and chart aggregation with detail on zoom.
- Defined reusable components and Redux Toolkit state patterns, made front-end architecture and UX decisions, and guided a second front-end developer through code reviews and technical support.
- Added React Testing Library integration tests in SAW and AMAIA QA, Playwright user-flow tests and Storybook component states in AMAIA QA; contributed TypeScript, build and test checks to pull/merge-request pipelines.

Front-End Developer | **NTT Data**
Jan 2020 - Oct 2022 | Madrid, Spain

- Built customer-portal pages and reusable components for a banking client with React, TypeScript and Redux, integrating back-end services for account information and transaction activity.
- Improved performance with memoisation and Redux selectors; implemented semantic markup, accessible labels, keyboard and focus behaviour, protected routes, role permissions and session-expiry handling.

Front-End Developer | **Accenture** | **Part-time**
Jan 2019 - Jan 2020 | Madrid, Spain

- Built React and JavaScript components, delivered features and fixed defects for an enterprise platform while completing the final year of the degree.

Technical skills

Front end: React, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Sass
State and data: Redux Toolkit, REST APIs, WebSockets, AG Grid, Highcharts
Quality: React Testing Library, Playwright, Jest, Storybook, integration and end-to-end testing
Tools: Git, CI pipelines, Docker (development environments), Codex

Projects

Strategium | **In development**
Next.js 16, React 19, TypeScript, Tailwind CSS 4, TanStack Query, Zustand, React Hook Form, Zod, Vitest, Playwright
Army-list editor with interactive validation, sign-up and sign-in, user following, private messages and list comments. TanStack Query for server state and Zustand for the editor draft; back end built with Codex assistance.

Atelier Commerce | **Demo storefront with a fictional brand** | **Repository**
Next.js 16, React 19, TypeScript, Express, OpenAPI, Vitest, Playwright, GitHub Actions
Server Components → typed REST client → Express BFF → mock provider. Runtime validation, safe typed HTTP errors, timeouts, correlation IDs and OpenAPI contracts; CI with 19 Vitest and 2 Chromium E2E tests.

Education and languages

Bachelor's Degree in Computer Engineering: Polytechnic University of Madrid | 2014 - 2020
Languages: Spanish (Native) | English (Fluent working proficiency)