

# Federico Diaz

Frontend Software Engineer

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## SUMMARY

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*I'm a Frontend Engineer with 6+ years of experience building production web applications for international companies.*

*My work focuses on React, Next.js, and TypeScript, building dashboards, internal tools, and customer-facing applications that prioritize maintainability, testing, and accessibility. Over the years, I've delivered solutions across SaaS, logistics, mapping, and enterprise software, design reusable frontend architecture, and collaborate closely with cross-functional teams.*

*While frontend is my specialty, I confidently extend features into the backend using NestJS, Express, and PostgreSQL to deliver true end-to-end ownership.*

## WORK EXPERIENCE

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### **Deliverect - Amersfoort** (March 2024 – Present)

#### Frontend Software Engineer

- Owned the development of customer-facing frontend features using React, Next.js, and TypeScript for international, production-scale applications.
- Designed and scaled an in-house mapping platform, building a modular React abstraction over Leaflet that enabled seamless integration of native plugins and custom geospatial extensions.
- Implemented real-time features including WebSocket communication, GeoJSON rendering, clustering, and complex spatial analysis using Turf.js.
- Engineered analytical dashboards featuring server-side rendering (SSR), high-performance data tables, and dynamic data visualizations.
- Established testing strategies by developing comprehensive unit, integration, and end-to-end test suites using Vitest and Playwright.
- Collaborated closely with product managers, designers, and backend engineers to translate complex business logic into scalable technical solutions.

### **Atabix Solutions - Amsterdam** (August 2020 – March 2024)

#### Frontend Software Engineer

- Collaborated on a real-time GPS tracking platform adopted by multinational corporations to optimize global supply chain operations.
- Engineered a compliant booking system aligned with strict Dutch government standards, achieving a 100% improvement in claims handling efficiency.
- Co-led the development of an internal component library, increasing frontend development velocity by over 20%.
- Developed responsive and fully accessible web interfaces using TypeScript and Vue.js, ensuring strict compliance with accessibility standards.

## **Other Jobs** *(June 2011 – March 2020)*

- Leveraged adaptability to work in diverse environments, enhancing cultural understanding and team collaboration.
- Applied problem-solving skills to handle challenging situations, ensuring smooth operations in various industries.
- Led a team of 15-25 individuals as a Team Lead in a telecommunications multinational.

## **ACCOMPLISHMENTS & SKILLS**

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- Frontend: React · Next.js · TypeScript · Tailwind CSS · shadcn/ui
- Testing: Vitest · Playwright · React Testing Library (RTL)
- Backend & DB: NestJS · Express · REST APIs · Prisma · PostgreSQL
- Infrastructure & CI/CD: Docker · GitHub Actions · Vercel · Cloudflare
- Languages: Spanish (Native) · English (Fluent)

## **EDUCATION**

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### **Advanced Diploma in IT** *(Mar 2017 – Sep 2018)*

Academias Australasia

### **Civil Engineer** *(Mar 2011 - Nov 2013)*

Buenos Aires University