

Federico Seco

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PRODUCT ENGINEER / AI-ENABLED PRODUCTS / FRONTEND ARCHITECTURE

Profile

Product engineer with 17 years building customer-facing web and mobile software. Independent work uses bounded AI, deterministic validation, cost controls, and human review. At Parker, owned onboarding changes that cut enterprise activation from roughly 30 days to one week and standard activation from seven days to same day.

Core expertise

Product engineering	Workflow framing, architecture, implementation, release boundaries, validation, measurable outcomes
Applied AI	Structured outputs, evaluation fixtures, deterministic validation, human review, cost controls
Frontend depth	React, TypeScript, Next.js, React Native, GraphQL, Apollo, complex product interfaces
Product systems	Activation funnels, experimentation, analytics, reusable patterns, migrations, delivery risk

Professional experience

Parker / Growth Engineer, Product Frontend	SEP 2022-DEC 2024 VIA LUMENALTA / MAY 2025-MAY 2026 DIRECT
- Owned frontend delivery across enterprise and standard onboarding, reducing elapsed time from roughly 30 days to one week and seven days to same-day activation. - Partnered with Product, Design, and Data on activation experiments using Heap and LaunchDarkly. - Led strategy and sequencing for a major Next.js upgrade and built analytics for LTV, CAC, and time to value.	
Lumenalta / Frontend Engineer	FEB 2022-SEP 2022
- Designed and built a React and Google Maps planning workflow for a U.S. outdoor advertising business. - Worked directly with the client Product Owner and owned frontend implementation independently.	
Kaizen Softworks / Mobile Developer and Architect	NOV 2019-MAR 2022
- Designed React Native architecture and quality standards for connected retail and field applications. - Established reusable mobile patterns across consultancy projects.	
Oktana / Senior Salesforce Developer	MAR 2016-NOV 2019
- Built Salesforce-integrated web and mobile products with Apex, Ionic, Angular, and JavaScript. - Participated in technical interviews for frontend and full-stack candidates.	
Globant / Full-Stack Developer	JAN 2014-MAR 2016
- Built customer-facing travel and loyalty software using Java, Perl, Backbone.js, and Bootstrap.	
Earlier experience / Software Developer and QA Engineer	2008-2014
- Built internal tools, workplace software, data visualizations, and desktop applications across C#, .NET, SharePoint, WPF, JavaScript, and automated testing.	

Selected independent product work

LeagueLoop - Bounded AI post-match coaching with deterministic evidence, structured validation, explicit cost controls, PDF export, and local retention.

Extra Work Capture - Phone-first evidence capture with idempotent mutations, append-only history, visible failure recovery, and printable packets.

BoundaryLab - Agent-reliability lab comparing eight synthetic support cases across three deterministic architectures, with inspectable attacks, false refusals, and safe completions.

Education and languages

Analyst Programmer	Circulo Informatico / 2010-2011
Graphic Design	Red Qualitas / 2007-2008
Languages	Spanish - Native / English - Bilingual / French - B2