

David Behar Lombrozo

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Summary

AI-native full-stack engineer with 10+ years of experience. Drove Webpack Module Federation migration reducing bundle size by ~70% and page load times by ~35% across 3 React apps serving 500+ users. Specializes in scalable React/TypeScript architecture, CI/CD optimization, and Core Web Vitals. Adopts AI-augmented engineering as a daily practice, using Claude Code and multi-agent orchestration to accelerate design, implementation, refactoring, and testing across the full stack.

Technical Skills

Core Web Technologies: TypeScript · JavaScript (ES6+) · React · Redux · HTML5 · CSS3 · CSS-in-JS (styled-components) · HTTP · State management · DOM

AI-Augmented Development: Claude Code · OpenAI Codex · Open Claw Automations · AI-assisted refactoring & testing · Context engineering · Multi-agent orchestration

Performance: Core Web Vitals optimization · Lighthouse CI · code splitting · API integration · lazy loading · Progressive Web Apps (PWA) · bundle optimization · caching strategies

Build & Testing: Webpack · Jest · Cypress (E2E) · Vitest · Storybook · CI/CD · Jenkins · Azure DevOps

Backend & Cloud: Node.js · API design · REST APIs · GraphQL (AppSync) · AWS (Lambda · API Gateway · EventBridge · S3 · Serverless Framework

Architecture: Microfrontends (Webpack Module Federation) · Developer Experience (DX) · Responsive Design · Scalable systems · Web Architecture · Event-Driven Patterns

Practices: Git · Agile/Scrum · OOP · SOLID Principles · TDD · Code reviews · Technical Mentorship

Relevant Experience

Autodesk

Mexico City, MX

Full Stack Engineer | Team Lead | Platform

Nov 2019 - Present

- Developed and maintained 3 large-scale React applications comprising 15+ microfrontends and 7 shared libraries (real-time water telemetry, CCTV, asset management, pipe analytics) supporting 500+ users, establishing front-end architecture patterns and reusable platform foundations utilized by 70+ engineers across 3 time zones.
- Directed migration to Webpack Module Federation, decomposing a ~4MB monolithic bundle into 20+ independently deployable modules (~15 MFEs, 3 shell apps, 7 collective libraries) with on-demand route-based loading. Diminished initial bundle size by ~70% and improved page load times by ~35%.
- Built end-to-end serverless upload/download workflows with compliance validation steps using AWS Lambda, API Gateway, and EventBridge, while maintaining 75+ Lambda functions across 15+ microservice backends serving the platform's microfrontend ecosystem.
- Created 5+ internal packages (auth SDKs, telemetry modules, common UI components) adopted across 5+ teams, shortening developer onboarding from ~2 months to ~2 weeks and reducing AWS authentication setup time by 50% while preserving security standards.
- Led and mentored a team of 4 engineers, ran architecture and code reviews, and instituted CI/CD improvements (incremental builds, pipeline parallelization, independent MFE releases) that reduced build times by 50% and cut deployment pipelines from 12+ to ~5 per shared component change.
- Adopted Claude Code as a daily engineering tool for AI-augmented architecture design, code generation, refactoring, and testing, using multi-agent orchestration across the platform's microfrontend ecosystem.

Social Piper

Mexico City, MX

Senior Front-End Developer

Jan 2019 - Nov 2019

- Led VueReact migration and developed a TypeScript component library with Storybook supporting Desktop and Mobile Web; integrated frontend with backend APIs to cut feature delivery time by 25%.
- Improved Core Web Vitals 30-50% through performance audits, code splitting, image optimization, and render optimization strategies.
- Enhanced accessibility of a 30+ collaborative component library (Storybook) with semantic HTML and ARIA attributes, adopted by at least 30+ engineers across 3 apps and 15+ microfrontends.

Qubit Works

Mexico City, MX

Head of Operations / Lead Engineer

Jan 2015 - Dec 2018

- Managed 20+ client projects across web and mobile platforms, architecting React frontends, Node.js backends, and e-commerce solutions while growing the engineering team from 2 to 10+ members and establishing Agile practices, code review culture, and technical training programs.
- Translated 50+ ambiguous client requirements into MVP-first release plans with incremental iterations, delivering projects with cross-functional teams of 3–5 (design and engineering) and improving delivery consistency across the agency.

Farmaldea

Mexico City, MX

Head of Technology

Jan 2014 - Dec 2016

- Architected from scratch a digital pharmacy aggregator with point-of-sale capabilities, enabling users to search and purchase medications across 500+ pharmacies through a unified platform.
- Built a REST API integration with GTN's appointment platform, enabling automated order creation from their scheduling system and periodic inventory synchronization across the pharmacy network.

Education

Universidad Iberoamericana

2014

B.A. | Interactive Design

Mexico City, MX

Speciality in Software Development, Digital Systems, and UX/UI. Foundation in user-centered design and interaction patterns.

Platzi Master Bootcamp

2021

Other | Selective Program (Top 1% LATAM)

Completed 100+ advanced courses in computer science, React, Node.js, AWS, algorithms, and distributed systems. Selected as one of the top 1% of the best students of the year 2019.

Languages

Spanish | Native

English | Advanced

Hebrew | Intermediate