

# Sean Mihaly

## Lead Product Designer & Design Engineer

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### SUMMARY

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Lead Product Designer with 10+ years in product design who also builds what he designs. At INRIX I pitched, designed and built INRIX One, the platform replacing the company's product suite, taking it from Figma to a 199,000-line production app with Claude Code. I work on enterprise SaaS, maps and data visualization, AI product design and design systems.

### EXPERIENCE

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#### Lead Product Designer, INRIX

Oct 2021 – Present (with brief hiatus)

- Traced 45 customer requests across 7 products to one cause, a fragmented 11-product suite. Pitched, designed and built INRIX One, a workspace-based analytics platform. Leadership adopted it and changed the roadmap to phase out the IQ product suite.
- Wrote about 199,000 lines of production code across 265 components (Nuxt, Vue, TypeScript, Mapbox GL JS, Electron) with Claude Code. The alpha already covers half of the targeted customer requests.
- Designed Compass, an AI assistant that acts on the user's map context, with every capability written as an LLM tool definition and platform APIs exposed through an MCP server.
- Designed and built the 2026 INRIX Parking Scorecard, a public data site on inrix.com ranking 121 cities down to 1,452 neighborhoods, with 247 automated data checks and WCAG 2.2 AA as a release requirement.
- Designed and built INRIX Pay, an in-car parking and payments app on real INRIX curb data, from Figma flow to working app in about a month. Used in automaker pitches and sales demos, and being shown at CES 2027.
- Prepared and led team training on AI coding tools for prototyping; co-created the team's AI-assisted engineering process. Built the Movement Boundaries prototype for Signal Analytics.
- Designed Road Rules, the 2025 Smart City Product of the Year (IoT Evolution World). Created the Detroit Design System.

#### Product Designer, Aduro

2021

- Designed Connect Care, a Type 2 diabetes coaching app (onboarding, learning, blood glucose tracking, coaching), for a 2021 pilot.
- Planned and ran the member research: interviews, a survey and 5-person usability tests on onboarding and habits.
- Aduro later reported 20% higher member retention and 25% higher satisfaction with coaching.

#### UX Designer, Cisco Systems (via LTI)

Apr 2019 – Mar 2020

- Designed data visualization tools and compliance dashboards for Cisco's Identity Services team.
- Redesigned navigation and data views for role-based access management.

#### UX/UI Designer, OnPoint Digital

Oct 2016 – Aug 2018

- Visual design and UX for 30+ enterprise eLearning brands.
- Designed a mobile-first leadership training app used across JPMorgan Chase divisions.
- Ran UX audits and redesigned the core product template system.

### SKILLS

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**Product design:** Figma, prototyping, user research, interaction design, design systems and design tokens, Adobe Creative Suite

**Design engineering:** TypeScript, JavaScript, Vue 3, Nuxt, HTML, CSS/SCSS, Electron, progressive web apps

**Maps and data visualization:** Mapbox GL JS, Turf.js, ECharts, Plotly, SVG, three.js, GSAP

**AI:** Claude Code, GitHub Copilot, MCP, designing LLM tools and AI assistants

**Quality:** Accessibility (WCAG 2.2 AA), axe-core, Playwright, Vitest

**Collaboration:** Git and GitHub, Jira, Google Analytics

### EDUCATION AND AWARDS

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**BFA, Interactive Design and Game Development,** Savannah College of Art and Design, 2014

**Awards:** ACE Award for Innovation, for leading adoption of AI in product development (INRIX, Q1 2026); 2025 Smart City Product of the Year, Road Rules (IoT Evolution World); Best Installation Art, Wondrous (Entelechy Awards, 2014)