

# Caroline Bosch

Product Designer | Denver, Colorado

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Product Designer with experience as the sole designer embedded across multiple engineering teams, delivering end-to-end design across mobile, web, and hardware platforms. Brings strategic systems thinking to complex product environments and communicates design decisions clearly to dev teams, product leadership, and enterprise stakeholders, including federal agencies.

## Professional Experience

### Product Designer, BI Incorporated, July 2024-Present

- Led the complete redesign of TotalAccess mobile for iOS and Android for a migration from a legacy framework to Flutter; standardized components and styles using Material 3, and ultimately delivered 23 core features for 35,000+ active users.
- Designed UIs for two embedded hardware devices - a breathalyzer and a wrist-worn GPS tracker - that support 16 languages, navigating small screen constraints, edge cases, and firmware limitations in close collaboration with firmware engineers.
- Prototyped a cross-platform AI-assisted transcription and summarization feature in two weeks, using Cursor alongside Figma to build the mobile recording workflow and integrate audio, video, and AI summaries into an existing case notes interface.
- Ran usability testing with 37 case managers to validate an e-signature solution that replaced a manual print-sign-scan workflow across web and mobile, achieving 80–100% task success rates.

### UX Designer, Quantum Turf, April-July 2024

- Conducted a full UX audit of a lawn care SaaS product, delivering 65+ recommendations across 10+ screens, a restructured site map, and redesigned user flows to startup founders ahead of MVP launch.
- Designed high-fidelity mockups for an AI-powered Program Builder feature, including a dashboard, modal flows, and data visualization components.

### UX Designer, TightFit, January 2023-November 2023

- Redesigned the admin onboarding experience for a fitness scheduling startup's B2B web portal as a guided multi-step flow, driving account setup task success rates from 60% to 100%.
- Evaluated the existing platform through heuristic evaluation and moderated usability testing with five users, surfacing the navigation and onboarding failures that drove the redesign.
- Designed, illustrated, and built a responsive marketing website communicating the brand's value proposition to three distinct user groups.

### Graphic and Web Designer, Roots First Design, May 2018-August 2022

- Led the design of a new brand identity and website for a non-profit initiative, ensuring consistency between organizations and across digital and physical media.

## Education

### General Assembly, Remote, August 2022-November 2022

Certificate in User Experience Design

### Wake Forest University, Winston Salem, North Carolina, August 2016-May 2020

Bachelor of Arts in Interdisciplinary Environmental Studies, minor in Studio Art; Cumulative GPA: 3.7

## Skills

**Design:** UX, UI, Information Architecture, Design Systems, Wireframing, Prototyping, Usability Testing

**Software:** Figma, Cursor, Maze, Rally