Matthew Curtin

Designed and built in code with Claude Code

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My work is about where the line of trust sits: what software should do on its own, and when a person needs to step in. It's the question I most want to work on as AI grows more capable. At Drafter, I design high-stakes software for engineers, working in code with Claude Code as a creative partner.

EXPERIENCE

Drafter Founding Product Designer — 2024 – Present
Software for mechanical engineers · Remote

- Own design of the core product end to end, shaped by hundreds of conversations with engineers from aerospace to EVs.
- Designed trust into the workflow: policy reminders at upload on which parts we can and can't handle, clear limits and role-based permissions.
- Shipped AI tools built on the ASME Y14.5 standard, including Drawing Redliner, which flags drawing issues for engineers to review.
- Rebuilt the product in code with Claude Code, replacing Figma as our design source of truth.
- Led growth: designed Drafter tools now used by 50,000+ engineers, built the marketing site in code and grew the newsletter to 20,000+ subscribers.

American Express Senior Product Designer — 2022 – 2024
One AP, accounts payable for small and midsize businesses

- Led research into unexpectedly heavy virtual card use, then owned design end to end with product and engineering through launch.
- Closed a security gap, replacing emailed card numbers with a new recipient user type, phone verification and Apple Wallet.
- Surfaced the insight behind Virtual Card on Demand, a new program that became One AP's core value.

nate Lead Product Designer — 2021 – 2022
Consumer shopping app · New York

- Led UX for payments and onboarding, taking features from design and testing through implementation.
- Designed KYC identity verification into onboarding to prevent fraud.
- Owned the design system end to end and led junior designers.

EARLIER

BioMarin Pharmaceutical Associate Researcher — 2019 – 2020
Santa Clara University Researcher — 2018 – 2019

EDUCATION

Santa Clara University B.S. Biomedical Engineering, biomolecular focus
Springboard UX/UI Design Certificate

SKILLS

Design 0 to 1 product design · complex workflows · approvals and permissions · user research and testing · interaction and UI design · design systems · prototyping in code
Tools Figma · Claude Code · HTML and CSS
Domains Mechanical engineering · DFM, GD&T, ASME Y14.5 · CAD, PDM, PLM, ERP · human-in-the-loop AI · payments and KYC