Matt Biehl

Full Stack Design Engineer

matt@biehl.io biehl.io linkedin.com/in/biehlio Sonora, CA

PROFILE

Full stack design engineer bridging UX strategy, product design, and production software delivery. Builds healthcare commerce experiences, API platforms, and internal tools, using continuous discovery and user research to turn complex business workflows into practical, usable software.

EXPERIENCE

Full Stack Design Engineer 2024–present
North Coast Medical

- Modernize healthcare ecommerce across practitioner onboarding, provider-recommended storefronts, RX Cart workflows, mixed-mode checkout, and affiliate attribution.
- Designed and built a Next.js API platform and internal catalog-management tools supporting product, cart, checkout, affiliate, and migration workflows.
- Redesigned affiliate commission operations in Retool with item-level evidence, transactional writes, normalized payout history, reconciliation, and safe reversal tools.
- Designed and built North Coast Pontifex, an AI-assisted internal platform connecting product APIs, Convex, Microsoft authentication, and Retool workflows for sales and account operations.

Lead UX Designer 2018–2023
Get More Math

- Led UX strategy and a broad interface redesign as the sole designer for an education platform serving teachers, students, and school administrators.
- Used continuous discovery, user research, prototyping, and iterative design to improve onboarding, reporting, and classroom workflows.

Software Engineer 2016–2018
Front Porch

- Developed responsive web and mobile applications, translated stakeholder requirements into prototypes, and partnered across teams to refine design direction and delivery.

Network Test Engineer 2008–2016
Front Porch

- Created manual and automated tests for enterprise networking products, identifying defects before release and improving test coverage.

SKILLS & TOOLS

Design: UX strategy, continuous discovery, user research, interaction design, prototyping, design systems, information architecture, accessibility, Figma.

Engineering: Next.js, JavaScript, HTML, CSS, API design, Retool, Convex, Stripe workflows, Microsoft authentication, workflow automation, Git.

EDUCATION

Network & Computer Support Technician
Columbia College · 2008–2010

PROFESSIONAL DEVELOPMENT

Continuous Discovery · Teresa Torres
UX Management: Strategy and Tactics; Design Thinking; Information Visualization · IxDF
Design Sprint & Remote Design Sprint · AJ&Smart