

# TOM LEWIS

Senior Full Stack Engineer | UX & Product Leadership

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With over 15 years of experience building scalable applications, shaping product strategy, and leading multidisciplinary teams, I am passionate about discovering and understanding core problems and innovating solutions.

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## RECENT PROJECTS

### Starling Data

A **RAG** copilot designed for compliance teams in financial institutions. It provides grounded answers derived from a corpus of internal and external regulations. Aligning with industry requirements, it features inline citations, confidence levels, and defensible, auditable responses. Built with **React**, **Next.js**, **LangGraph**, and **Pinecone** (vector DB).

[View project](#)

### Social Forms

A collaborative form authoring platform with advanced UX addressing the tediousness of traditional enterprise forms. Features complex structures, robust state management, and a custom form logic builder. Built with **Angular** and **Nest.js**.

[View project](#)

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## EXPERIENCE

### Digital Harbor

*'Form Designer' Team Lead, Product Team Lead, Full Stack Developer*  
2020 - 2026

- Led product, design, and engineering for **Social Forms**, an enterprise form-building platform focused on solving the frustrations of multi-user forms with complex workflows.
- Developed an Assistive UI system for contextual help/dialog including a performant custom animation engine (RAF techniques) reducing rendering lag by 30%.
- Built **Social Autofill**, a feature leveraging LLM embeddings for intelligent form completion; drove adoption from near 0% to 100% of form designers.
- Architected **DesignKit**, a theming and template system that changed how teams approached forms — from utilitarian defaults to considered, brand-forward designs.
- Led adoption of a unified dev/QA testing process built on **Playwright** and AI-assisted test generation, increasing e2e test coverage by 50% and boosting shipping confidence.
- Established **Storybook** and a component system strategy to align design and engineering, including automated story generation workflows.

## Ricochet Partners

*Junior Programmer → Senior Programmer → Solution Architect*  
2014 - 2019

- Led development of web applications and digital products for clients including **Nike, Intel, Georgia Pacific,** and **Toyota**, providing technical direction, architecture, and implementation strategy.
- Built a 3D interactive web app for a **Rohde & Schwarz** electronics test chamber using JavaScript, Web Components, Webpack, and the Sketchfab API.
- Developed prototypes and advised on UX for a legal document management application for a major semiconductor manufacturer.
- Architected and built a Learning Management System with a Ruby on Rails API and Angular front end.
- Created a proof-of-concept and led development for an AR app for a Georgia Pacific trade show using Unity, C#, 3D modeling, and Xcode/TestFlight.

## TLewisMedia

*Independent Web Designer & Developer*  
2007 - 2014

- Delivered projects across entertainment, finance, and e-commerce for clients including the **Writers Guild of America, Fox Studios,** and **Kopion Asset Management.**
- Managed full project lifecycle from client communication and requirements gathering through design, development, and launch.

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## SKILLS

### Languages

TypeScript / JavaScript  
HTML  
CSS  
Python  
Ruby  
Elixir

### Frameworks

Angular  
React  
LangGraph  
Svelte  
Nest.js  
Next.js

### Core Competencies

Front-End & Full Stack Development  
Product & Team Leadership  
Wireframing / High Level Design  
User Testing  
UX Engineering

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## EDUCATION

### Oregon State University (2014)

Bachelor of Science  
Computer Science

4.0 GPA

### Alfred University (2006)

Bachelor of Fine Arts  
Expanded Media

Magna Cum Laude