

Elephant (contracts)

2018-2024

Digital creative agency serving Fortune 50 brands. Client names anonymized due to NDAs

- "Big Three" American TV network
 - Evolved streaming service prototype through multiple development cycles guided by usability testing sessions. Built with React Native for tvOS
- FAANG client
 - Phased out legacy tooling, identified build-time bottlenecks responsible for 50% of code bundle, and replaced unmaintainable code with generic, composable functions to introduce flexibility to a rapidly changing codebase
 - Contributed to internal NPM packages
- Leading LLM provider
 - Built interactive widgets showcasing novel GenAI technology and published them with blog articles
- Fortune 50 cable provider
 - Developed in-store iPad experience to enhance conversion rates and standardize information delivery across locations
 - Built internal web app with PostgreSQL, GraphQL, and Next.js to facilitate data-driven project prioritization through employee ratings of various metrics
- "Bulge bracket" investment bank
 - Engineered performant HTML animation system, writing core animation logic, and generating responsive ad variants that faithfully replicated video content for high-impact Google Ads campaign

Linode (contract)

2021

Cloud hosting provider

- Created UI library with documentation site

Dojobase (contract)

2018-2020

Professional community platform

- Architected and built full-scale MVP featuring sophisticated access management, protected resources, content creation tools, and discussion board

Hugo & Marie (contract)

2019

Creative studio delivering art direction, design, and strategic concepts for global brands and artistic initiatives

- Built fund page templates to optimize complex financial data presentation, driving investor engagement for an asset management firm

Utility NYC · Lead Web Developer

2018

Mobile and Web development agency serving corporate clients and innovative startups

- Resolved performance bottlenecks and created stages in a gamified enterprise healthcare app for MacOS and Windows (Electron)
- Built conference website connecting thousands of global advocates for women's health, rights, and gender equality
- Prepared Android version of React Native app initially built for iOS helping students navigate college
- Executed new design direction to modernize mining company's digital presence

Other contract work

- Built and shipped multiple iterations of [startup](#)'s marketing blog, establishing initial online presence, and contributed to buildout of their creative marketplace
- Scaffolded and shipped initial iteration of schoolmealscoalition.org, which facilitated the involvement of 100+ countries and 130+ partners to expand access to nutritious meals for children worldwide

Passion projects

2015–Present

- Gamified call-and-response music practice tool that listens to what you play ([link](#))
- JavaScript side-scrolling platform game ([link](#))
- Website for browsing and listening to classic concert recordings dating back to 1920 ([link](#))
- Music player that builds dynamic browsing experience from metadata extracted from filenames in cloud storage ([link](#))
- Multilingual thesaurus for language-learning word-a-day app

Preferred development tools: React, Next.js, Tailwind, headless CMS, GCP, PostgreSQL

Education: University of Pittsburgh, B.A. English Writing — Dean's List 2013-15