

## 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 moderated 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
  - Created widgets showcasing cutting-edge LLM capabilities and published them in articles announcing emerging GenAI research
- 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 across commercial and cultural sectors 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](https://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