
SKILLS

Design & User Experience

Responsive & Optimistic UI
Tutorial Design
Information Architecture
Accessibility

Development

Vue, React, Svelte
Node.js server & CLI tooling
Graph Databases
Prosemirror

Software Architecture

GraphQL API Design
Modular CMS Design
CI/CD Workflows
Open Source Management

Product Management

Agile, SCRUM, Kanban
Design Sprints
Product Roadmapping
Technical Documentation

EXPERIENCE

Principal Software Engineer

Newsela

August 2021 — Present
New York, NY

- Continued to architect and guide the roadmap of *Alexandria*, Newsela's content management system
- Onboarded and mentored software engineers, designers, and product managers
- Led long-term, cross-departmental initiatives with direct business impact

Lead Web Applications Developer

Newsela

December 2018 — August 2021
New York, NY

- Lead architect of *Alexandria*, Newsela's content management system
- Designed a graph-based content model for educational materials
- Coordinated long-term roadmaps with multiple editorial and product stakeholders

Senior Web Developer

New York Magazine

June 2014 — December 2018
New York, NY

- Lead architect of *Clay*, New York Magazine's content management system
- Managed open-source libraries with multiple internal and external corporate stakeholders
- Assisted in launching five brand verticals and numerous popup blogs

Freelance Web Developer

Keats Heavy Industries

May 2010 — June 2014
Brooklyn, NY

- Worked on a combination of one-off projects, small business consulting, and medium-term contracts
- Assisted clients in New York, San Francisco, and Tokyo, including:

Busker.fm

Credit Suisse

Ology Media

Bolster

Ringadoc

Hudson Union

INTERESTS

Treasurer, Assistant Instructor

前途館 / Zentokan Dojo

Dec 2020 — Present
Brooklyn, NY

Media Director

全米拔刀道連盟 / U.S. Federation of Battodo

Dec 2017 — Present
Brooklyn, NY

Deputy Manager, Virtual Reality

Penny Arcade Expo

Aug 2010 — Present
Seattle, WA & Boston, MA