
SKILLS

Design & User Experience

Responsive & Optimistic UI
Tutorial Design
Information Architecture
Accessibility

Development

Vue, React, Svelte
Node.js
Apollo, Dgraph, Redis
Prosemirror

Software Architecture

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

Product Management

Agile, SCRUM, Kanban
Design Sprints
Product Roadmapping
Technical Documentation

EXPERIENCE

Principle Software Engineer

Newsela

December 2018 — Present
New York, NY

- Lead architect of *Alexandria*, Newsela's content management system
- Designed a graph-based content model for educational materials
- Led multidisciplinary team building React and GraphQL-based content editors
- 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
- Coordinated long-term open-source roadmaps with multiple internal and external stakeholders
- Assisted in launching five brand verticals and numerous popup blogs

Front-End Developer

Bolster

July 2013 — June 2014
New York, NY

- Employee number 5, in charge of front-end development
- Built web sites and applications using AngularJS, LESS, and Grunt

Freelance Web Developer

Keats Heavy Industries

May 2010 — July 2013
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

Immupure

Ringadoc

Hudson Union

INTERESTS

Assistant Instructor

前途館 / Zentokan Dojo

Dec 2020 — Present
Brooklyn, NY

広報部長 / 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