
SKILLS

Design & User Experience

Responsive & Optimistic UI
Design Sprints
Accessibility

Development

React & Node.js
Graph Databases
ProseMirror

Software Architecture

GraphQL API Design
Modular CMS Design
Technical Documentation

Product Management

Agile, SCRUM, Kanban
OKR Strategy
Product Roadmapping

EXPERIENCE

Principal Software Engineer

Atlassian

August 2022 — Present
New York, NY

- Led multi-year initiatives to increase performance and scalability of Confluence Cloud
- Mentored and supported three teams of 30+ engineers
- Launched multiple internal tools to reduce performance degradations and improve developer productivity

Principal Software Engineer

Newsela

December 2018 — August 2022
New York, NY

- Lead architect of *Alexandria*, Newsela's content management system
- Designed a graph-based content model for educational materials
- Onboarded and mentored software engineers, designers, and product managers
- Led long-term, cross-departmental initiatives with direct business impact

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 *Credit Suisse*, *Hudson Union*, *Bolster*, and *Ology Media*

INTERESTS

Assembly District 52 Committee Member

Brooklyn Democratic County Committee

May 2022 — Present
Brooklyn, NY

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