

# Megan Ratto

Software Engineer

New York, NY

[linkedin.com/in/rattomegan](https://www.linkedin.com/in/rattomegan) | [github.com/rattomegan](https://github.com/rattomegan) | [rattomegan.github.io/portfolio/](https://rattomegan.github.io/portfolio/)

## SKILLS

**Languages** | JavaScript, HTML, CSS, Python, Typescript

**Libraries and Frameworks** | React, Node.js, Next.js, Express, Django, Bootstrap, Tailwind

**Database** | PostgreSQL, MongoDB, Mongoose

**Other** | Git, Shortcut, Prismic & Slice Machine, Jira, ZenDesk, Heroku, Confluence, Google Chrome and React Developer Tools

## PROFESSIONAL EXPERIENCE

### **Inspire Clean Energy**

Remote

#### **Software Engineer**

June 2022 - Present

- Worked closely with design and product teams to build out customer acquisition tool; debugged production issues with Sentry and business stakeholders
- Implemented drag and drop editing capabilities (Slice Machine) by applying design system to custom components backed by the headless CMS (Prismic)
- Engineered Node API for 3rd party orders, with observability, analytics, custom authorization tokens, testing and error tracking, resulting in a 7% increase in first month; added type-safe validation layer with ZOD; wrote API documentation and led technical onboarding with partner engineering teams
- Refactored shopping cart from brittle state management pattern in React component to a pattern of deriving state from data by consolidating logic into custom React hook
- Migrated critical legal disclosures from legacy Ruby application to headless CMS and Next.js using SSR and SSG rendering strategies to improve performance
- Developed repeatable pattern to improve SEO utilizing Next SEO

### **General Assembly**

Remote

#### **Frontend Developer Instructional Associate (Evenings)**

May 2022 - July 2022

- Support lead instructor by leading office hours, reviewing student code, and providing general lesson support
- JavaScript, Semantic and Accessible HTML, Advanced CSS and Animations

### **Rover.com**

Remote

#### **Accountant**

Feb 2020 - Sept 2021

- Collaborated with engineering team to facilitate minor fixes to sitter profiles in Django, resulting in quicker resolutions for JIRA and ZenDesk tickets
- Regularly recognized by leadership for improving the efficiency and accuracy of end-to-end AP process; responsible for both domestic and international AP invoice processing (NetSuite and Xero) and vendor communication
- Contributed to Rover IPO by documenting and implementing internal controls for SOX compliance and reporting

### **Zillow Group Inc.**

Seattle, WA

#### **Executive Assistant to the Co-Founder and Vice Chairman**

Dec 2015 - Jan 2017

- Managed dynamic schedules/calendars, successfully balancing ever-evolving logistics, urgencies, and priorities
- Cultivated and furthered relationships across teams and company personnel; represented Office of the Founders in communication and scheduling with internal and external stakeholders

#### **Project and Administrative Assistant to the CEO**

Feb 2014 - Nov 2015

- Managed planning, communication, and logistics for two offsite events for the Top 10 Zillow executives

## EDUCATION

### **Certificate of Completion, Software Engineering Immersive (SEI) Program**

Remote

#### **General Assembly**

Feb 2022

Completed a 12 week, 450+ hour, full-time software development training program to rapidly learn and implement current technologies for full-stack web application development, with a focus in object-oriented programming, MVC applications, REST API creation and consumption, UX and UI, and team collaboration strategies in an agile development environment

### **Bachelor of Science (B.S.) in Accounting and Business Administration**

San Luis Obispo, CA

California Polytechnic State University, San Luis Obispo

June 2009

## **SOFTWARE ENGINEERING PROJECTS**

[ArtLab](#) | Pinterest type clone to search Metropolitan Museum public collection

Feb 2022

Technologies used: React, Express, Node.js, MongoDB (MERN Stack), HTML, CSS, 3rd party API, Heroku

- Developed a full-stack React app using the Metropolitan Museum's open-source API, allowing users to search through a digital art collection (implemented basic and advanced search) and save as favorites with MongoDB using a server side API
- Established user sign up and login authentication using JSON web tokens and bcrypt
- Modularized React frontend, focused on reusable components with React hooks and state
- Client-side routing using React Router, including protected routes and path parameters

[Resume Architect](#) | Resume Customization Application

Jan 2022

Technologies used: Python, Django, PostgreSQL, HTML, CSS, Bootstrap, Heroku

- Collaboration with two fellow software developers using mob programming to build Python application using Django framework to customize and save resume data based on job descriptions
- Programmed full CRUD operations using class and function based views
- Drove project definition and application architecture, set team goals, and balanced project scope and improvements with time allotted

[Moond](#) | Full-stack CRUD period tracking application

Dec 2021

Technologies used: HTML, CSS, JavaScript, Node.js, Express, Google OAuth 2.0

- Built a dynamic calendar application used to track period cycle and symptoms data with full CRUD functionality
- Developed using MEN stack (MongoDB, Express, Node.js)
- Implemented Google OAuth 2.0 to allow users to sign up with their Google account

[War](#) | Vanilla javascript card game

Nov 2021

Technologies used: HTML, CSS, JavaScript, GitHub Hosting

- Built the classic two player card game run in the browser with vanilla JavaScript and DOM manipulation