

# Ross Thomas Mabbett

## Software Engineer

phone 732.207.5062

Brooklyn, NY

[ross.t.mabbett@gmail.com](mailto:ross.t.mabbett@gmail.com)

[Portfolio](#)

[LinkedIn](#)

[Github](#)

## SKILLS

JavaScript, React, Redux, Python, Ruby on Rails, Node.js, Express, Flask, SQL, PostgreSQL, MongoDB, WordPress, Stripe, Leaflet, Webpack, Figma, Git, PHP, HTML5, CSS3, SCSS, Emotion, AWS, GitHub, Unix Shells

## EXPERIENCE

### Software Engineer

*Preset*, October 2023 – October 2024

[Site](#) | [Superset Github](#)

- Harmonise with a 12 engineer team following scrum rituals of daily standups, retros, PM tickets etc.
- Contribute and collaborate on PRs and improvement proposals to the Apache Superset open-source project.
- Implement a context dependent UI for Snowflake integration requested by FANG clientele.
- Create UI components for a sweeping redesign of the integral reports feature, impacting all users.
- Research libraries and implement changes to drag and drop UI features with guidance from a product design team.
- Refactor or compose new unit tests for React component behaviors using RTL and Enzyme with occasional Python tests.

### Web Developer

*Art in Odd Places*, July 2023 – Current

[Live Site](#)

- Develop a full stack, bespoke, and intuitive web presence with a focus on inclusivity and accessibility.
- Investigate opportunities to update legacy code within the latest stable CMS deployment.
- Formalize a site-wide process of record creation in mySQL via plugins, suitable for non-technical users.
- Interpret Figma design documents to sculpt responsive pages in a custom WP theme for maximal site traffic.
- Consult with the curatorial and design teams to flesh out MVPs according to client vision.

### Web Development Consultant

*BIPOC Coach Collective*, April 2024 – October 2024

[Live Site](#)

- Advise on options to streamline the subscription system, cutting 6 wasteful net-loss products.
- Assemble strategic automations to update over 200 recurring customer subscriptions dynamically.
- Build email marketing campaigns to target active subsets of the customer base.
- Rehabilitate the CMS indexing and column definitions intuitively for maintenance by non-programmer staff.
- Explore custom integration methods for external backend data hosting via Airtable.

### Art Handler

*Freelance, NYC*, 2012 – 2020

- Execute the secure delivery and installation of thousands of works of art and antiques across the Northeast U.S.
- Collaborate with a variety of artists and craftsmen to successfully document and display works ranging in scale from a single page to monumental sculptures
- Deliberate with a full spectrum of clients from singular collectors to the most prestigious institutions.

## PROJECTS

### Sublimus

[Live Site](#) | [Github](#)

*A criterion.com clone using: Rails, PostgreSQL, React / Redux, Stripe, HTML5, SCSS, Jbuilder*

- Constructed full CRUD shopping cart functionality with RESTful APIs in Rails.
- Configured full Stripe integration with secure API keys for fully functional checkout capabilities.
- Utilized modular SCSS to create a site-wide design structure that can be augmented for each component.
- Implemented HTML5 tables with React functional components to create a scalable product listings page.

## EDUCATION

**App Academy** - Immersive software development course focused on full stack web development (2022-2023)

**Codecademy** - Certifications for Python and Shell Scripting (2021)

**Coursera** - Rice University's OOP Interactive Python course (2020)

**Rutgers University** - BFA New Media/Creative Tech (2007)