Ross Thomas Mabbett

Software Engineer

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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 (Contract)

Preset, October 2023 -Current   Site | Superset Github
- Integrate into a team of 12 engineers with scrum rituals of daily standups, sprint planning, retros, PMS tickets etc.
- Implement UI component updates for a sweeping redesign of one of the most popular features, impacting 1000s of users.
- Contribute and collaborate on PRs and improvement proposals to the Apache Superset open-source project.
- Refactor or compose new unit tests for React component behaviors using RTL and Enzyme with occasional Python tests.
- Research libraries and implement changes to drag and drop UI features with guidance from the designer.
- Update legacy class components and handle customer-facing bug fixes.

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.

Art Handler

Freelance, NYC, 2012 - 2020
- Executed the secure delivery and installation of thousands of works of art and antiques across the Northeast U.S.
- Collaborated with a variety of artists and craftsmen to successfully document and display works ranging in scale from a single page to monumental sculptures
- Deliberated 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.

Nutshell   Live Site | Github

An event scheduling app to track job search progress using: MERN stack, HTML5, CSS3, Git
- Integrated modals with context providers for seamless UI between multiple forms and style uniformity.
- Applied React state hooks and event listeners to interactables, triggering calls to the ODM for data retrieval.
- Collaborated with a team of three developers using Git branching to work from a single repo through agile patterns.
- Conceived of concept, intent, and branding for the project before designing every frontend component.

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)