Rick Molé

New York, NY   rickmole.dev   rmole57   rick-mole   hello@rickmole.dev

Professional Experience

Software Engineer, *Hightouch* ↗   10/2021 – present
- Full-stack role across a number of engineering teams on both the product side and marketing website.
- Worked with third-party APIs to implement a number of integrations syncing data from data warehouses to third-party SaaS tools using our internal syncing engine.
- Helped develop proprietary Customer Studio platform that allows marketers to build queries without code through an intuitive UI in order to perform actions on subsets of customer data (e.g., A/B testing).
- Built the recursive validation logic for internal "Formkit" library (a library used to generate frontend components with serialized JSON objects).
- Contributed to a bespoke Hightouch-UI library used by the engineering team to build application features.
- Helped build our Sanity CMS schema structure to be used across engineering and marketing teams, allowing team members to create their own custom web pages with little to no code.
- Collaborated with design and marketing teams to create numerous pages for the marketing website.
- Integrated and managed various technologies used on the website including Google Tag Manager and OneTrust (the latter to ensure GDPR and CCPA compliance).
- Worked with customer success to debug customer issues in an efficient and professional manner.
- **Skills:** TypeScript, React.js, CSS, REST APIs, Node.js, PostgreSQL, GraphQL, Next.js

Co-Creator, Software Engineer, *Tapestry* ↗   05/2021 – 10/2021
- Co-created Tapestry (https://tapestry-pipeline.github.io), an open source data pipeline orchestration framework that automates the deployment of a warehouse-centric data pipeline, incorporating both data ingestion and data activation components.
- Implemented interactive CLI application available as NPM package.
- Automated provisioning/teardown of AWS cloud infrastructure to host ingestion and activation services.
- Containerized data activation tool to deploy ECS Fargate cluster using Docker Compose ECS Integration.
- Implemented dashboard UI for infrastructure health monitoring and observability.
- Wrote logic to automate the varied configuration and setup of data pipeline-centric tools, including working with REST APIs, code configurations, and execution of SQL commands.
- Collaborated daily with a small team of fully remote software engineers.
- Co-authored the Tapestry case study white paper.
- **Skills:** Node.js, AWS cloud services, React.js, PostgreSQL JavaScript, CSS, Docker

Software Engineer, *Self-Employed*   2019 – 2021
- Developed a variety of web applications from the ground up, building out both the backend and frontend.
- **Skills:** Node.js, Express.js, JavaScript, Handlebars, HTML, CSS, React.js, SQL, Webhooks, REST APIs

Founder, *Nine Tails Creative LLC*   2013 – 2020
- Established a creative services company to provide content creation solutions for a diverse client base.

Education

Harvard University, *Bachelor of Arts - Government*   2009 – 2013
- Competed as a Division I athlete on the Harvard Men's Lacrosse Team.

Launch School, *Capstone Program - Software Engineering* ↗   2019 – 2021