

Michael Gastello

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[PORTFOLIO](#)

[GITHUB](#)

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SKILLS

React.js, Redux, Ruby, Rails, Javascript, HTML, CSS, Tailwind, SQL, PostgreSQL, Postman, Git, REST API, AWS

EXPERIENCE

Junior Software Engineer

Forager Technologies

May 2023 - Jan 2024

- Develop screens for Forager - a mobile-based SaaS tool for farmers that blended operating data with finances into one simple, unified business management platform.
- Work with founders to implement code that faithfully replicates their figma-based designs & prototypes.
- Participate in weekly engineering team standups to prioritize workflows and iterate based on customer feedback.
- Refactor repetitive code into their own reusable components, enhancing maintainability and removing redundancy.
- Developed calculation modules for the 'planning' feature where farmers sketched out assumptions on inputs/outputs per acre to derive expected farm profitability.
- Contributed to the documentation of code to facilitate easier maintenance.

Fulfillment Expert

Target Corp.

May 2018 - Jan 2023, Jan 2024 - current

- Facilitated the end-to-end fulfillment process for online customer orders, ensuring timely and accurate delivery.
- Met or exceeded pick on time productivity targets 92% of the time during holiday season.
- Systematized inventory count and organized merchandise to reconcile with RGIS' professional retail standards.

PROJECTS

Arrow (Rails, Ruby, React.js, Redux, CSS, AWS S3, PostgreSQL)

[live](#) | [github](#)

A single page Target clone offering users an authentic e-commerce experience.

- Leveraged Redux to enhance performance of data transfer from back-end to React within a single-page application.
- Optimized page-load performance by harnessing AWS S3's data storage infrastructure for scalable file uploads and retrieval.
- Designed a search feature that pulls results from a PostgreSQL database allowing users to filter by multiple criteria.
- Integrated a robust user authentication system, utilizing the SecurePassword module in rails.

xChngd (JavaScript, D3, APILayer Currency API, HTML5, CSS)

[live](#) | [github](#)

A minimalist JavaScript project displaying currency information and exchange rates for any country clicked on a world map.

- Created an interactive global map using the D3 library and topoJSON to show users each country's USD exchange rate.
- Incorporated the currency exchange API to ensure daily updating of exchange rate data.

ARTifacts (MongoDB, Express, ReactJS, Node.js, Leaflet Library, Cleveland Art API, CSS)

[live](#) | [github](#)

A web app that enables users to explore and discover art from different countries and time periods.

- Employed Github's version control to modularize work alongside 3 team members, ensuring optimal productivity.
- Utilized the Cleveland Art API to retrieve authentic artwork displays along with their historical information.
- Actively participated in team meetings, discussions, and code reviews, fostering effective communication and collaboration.

EDUCATION

App Academy

Jan 2023 - Apr 2023

- 1000-hour immersive full stack web development intensive course with <3% acceptance rate.
- Passed all tests on first attempt, which weeded out all but 2 out of every 3 accepted students.

Harvard EDX

May 2024 - present

- Undertaking Computer Science 50, focusing on hands-on projects in data structures, web development and cybersecurity.