

Joseph Manso

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New York, NY

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

Ruby on Rails, Ruby, MongoDB, JavaScript, Node.js, Mongoose, Express.js, React, Redux, SQL, SQLite3, PostgreSQL, Webpack, HTML, CSS, jQuery, Git, Heroku

Projects

Landmarked (JavaScript, React/Redux, MongoDB, Express, AWS, Google Maps API)

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

Online photo journal application integrated with Google Maps

- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data with form inputs and form submissions.
- Implements AWS S3 to store user uploaded content on the cloud
- Integrated the Google Maps API to dynamically render a map and display locations of users entries and trips
- Utilized Redux to maintain state, keep a user logged in, and manage the user interface

Funday (Ruby on Rails, postgresSQL, JavaScript, React)

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

Task Management Web Application (clone of monday.com)

- Developed backend infrastructure, writing associations in Ruby on Rails via JSON REST API to manage an extensive CRUD system that updates in real time
- Designed front end routing, component structure and state shape using React and Redux to create a responsive single-page application

Crypto Visualized (JavaScript, SCSS, HTML5, D3)

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

Visualization of historical cryptocurrency data

- Created a vanilla JavaScript app, implementing D3 for graph construction with added functionality of a tool tip that tracks your cursor along the graph
- Utilizes an external API for historical price data of several of the top crypto currencies

Experience

Product Development Engineer | August 2016 - August 2018

[Sefar Inc.](#), Product Development Engineer

- Designed and developed solid-liquid separation filter media to accommodate large-scale chemical equipment and filtration processes in a variety of chemical and manufacturing industries
- Oversaw entire product lifetime through customer data acquisition, prototype design, creation and testing, to full scale production and integration with the manufacturing department
- Performed case studies and analyses on the manufacturing of newly developed products with a focus on design and construction
- Acted as an on-site technical consultant at client's manufacturing plants to support product installation as well as troubleshoot any issues related to Sefar products

Operations Manager | August 2016 - September 2021

Socarrat Hospitality Group (family business)

- Oversaw financials of a three-location restaurant group grossing \$7mm+ annually with 100 employees
- Designed and implemented a set of excel spreadsheets used to create reports for the management team, analyzing and projecting weekly sales and costs
- Increased profit margin by 10% by digitizing all accounting processes through the implementation of third party software, as well as lowering costs through negotiations and changing vendors

Education

App Academy | January 2022 | New York, NY

Immersive software development course with focus on full stack web development

University at Buffalo | Spring 2015 | Buffalo, Ny

School of Engineering and Applied Sciences, BS of Chemical Engineering