

Ryan Sereno

Frontend & UI Engineer

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SKILLS

- React.js
- Next.js
- Express.js
- Node.js
- Redux
- HTML/CSS

- MongoDB
- MySQL
- PostgreSQL

- Python
- Javascript
- Typescript
- Photoshop
- Illustrator

- Linux
- Git
- Docker

LINKEDIN

linkedin.com/in/serenoryan

GITHUB

github.com/ryansereno

EDUCATION

Montclair State University
BSc. Chemistry,
2017
Montclair State University
BSc. Environmental Science
2016

PROFILE

Frontend engineer with 3 years of experience building web and native apps, chemical analysis algorithms, and manufacturing management systems.

Specialized in React development, building and testing components libraries, and UI design.

Experienced in building full stack web applications, enterprise software tools, data pipelines, and CLI tools.

Skilled in Typescript, React, and Node.js.

EXPERIENCE

SPARC

Software Developer and Senior Chemist, Oct. 2017 - Jan. 2022

- Built a full stack product recommendation application using React, driving sales to Sparc's ecommerce store
- Increased manufacturing efficiency through buildout of API integration and tools including a thermal printing software, batch QA compiler, and an inventory tracking database
- Lead the development of sparc's data pipelines, built with MongoDB and Google cloud services
- Sparc's record keeping systems have been commemorated by CA state regulators
- Designed sparc's end-to-end GMP manufacturing pipeline
- Managed the buildout of sparc's manufacturing facility, developed supercritical CO₂ extraction methods, and designed proprietary manufacturing tools
- Facility now delivers 5000+ units of product to 5 retail stores per week, and processes material for dozens of farms
- Developed and helped launch over a dozen product lines
- Sparc's products are now known and sought after in San Francisco and LA

PORTFOLIO (portfolio.ryansereno.com)

Quartet.ai

- Product recommendation platform for cannabis ecommerce
- MongoDB/ Metrc API backend
- React frontend
- UI and brand design

Gif Butter

- Client-side video conversion app using WebAssembly
- Built with React and Next.js
- Logo design and custom React hooks for animated interactions

Palm.Condos

- Project management SaaS for condo HOA's
- Firebase backend
- React frontend
- UI and brand design

Metrc Laser Printer

- Native thermal printer application for laboratory use
- Metrc API backend
- ZPL, Python, PySimpleGUI