Anthony Arellano

t: **201.686.4015**   e: **theanthonyarellano@gmail.com**   **Emerson, NJ**   [**Portfolio**](#)   [**Linkedin**](#)   [**GitHub**](#)

Skills

React.js, Typescript, React Query, Jest, JavaScript, Webpack, Kafka, Redux, SQLAlchemy, Python, HTML, CSS, SQL, PostgreSQL, Unit Testing, AWS, Terraform, AWS CloudFront, Material UI, Docker, Kotlin, Express, GitHub Actions, CI/CD

Experience

Full Stack Software Engineer III | July 2024 - Present
Full Stack Software Engineer II | Aug 2023 - July 2024
Full Stack Software Engineer I | March 2022 - July 2023
Peloton Interactive

- Led the development of Cosmos, a React-based content management system built as a micro frontend using Webpack module federation, guiding the team through architecture and implementation.
- Directed the Dynamic Home Screen tooling project, building a responsive interface for internal stakeholders to customize Peloton's home screen content, resulting in a highly personalized user experience across all devices and platforms.
- Maintained and enhanced a React UI component library, ensuring reusable, scalable components and improving consistency across applications.
- Established a GitHub Actions CI/CD pipeline, including a fast rollback strategy, Datadog sourcemap uploads, and sharded Jest unit testing, reducing average unit test run time to 5 minutes.
- Created a Node.js command-line interface, enabling new engineers to start developing within Cosmos quickly, allowing stage micro frontend deployment within 1 hour.
- Developed a Peloton class metadata editor supporting the production of all live classes and replaced a third-party subtitle editor, saving $50,000 annually.
- Instituted UI access controls to ensure sensitive materials were accessible only to authorized parties, resulting in a 100% decrease in unauthorized access incidents.
- Integrated a full stack bug reporting feature with Datadog RUM events and the Slack API, reducing engineering debugging time by over 50%.
- Hosted weekly office hours to provide mentoring and support to team members, fostering collaboration and enhancing technical skills across the engineering team.

Peloton Hackathon 2023 Finalist (Top 6 / 100+ Teams) | June 2023
Peloton Interactive

- Contributed in a cross functional team by developing a React web application which fully integrated with the team's API in order to display a user's League advancements.

Projects

runlite, *a fuss free web application for runners looking to track their workouts (In progress)*   [live site](#) | [github](#)
Next.js , StyleX, Vercel, Material UI

- Passion project aimed at creating a database-free way for runners to log their runs
- Utilizes StyleX and Material UI to provide a responsive and intuitive design

Wanderer, *an AirBnb clone*   [live site](#) | [github](#)
Javascript , React / Redux , Python , Flask , SQLAlchemy , postgreSQL , AWS , Google Maps API , Heroku

- Implemented a responsive calendar utilizing custom helper functions in order to display unavailable dates.
- Utilized the Google Maps API to constrain user geographic input, allowing for efficient location validation.

Education

App Academy | November 2021 - May 2022 | Remote
Ramapo College of New Jersey | Graduated Winter 2019 | Mahwah, NJ | *Bachelor of Arts in Audio Engineering*