Anthony Marin | Software Engineer | New York, New York
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Technical Skills

Strong: Javascript (ES6+), Node.js, Express.js, React.js, REST API, NoSQL(MongoDb), SQL(PostgreSQL), CI/CD, OOP, Cloudflare, Miniflare, CSS/SASS/SCSS, Webpack, React Hooks, React Router, GraphQL, jQuery AJAX, Git, Axios, Agile/Scrum
Experienced: TDD(Jest|Puppeteer|Supertest), Svelte, Redux**,** OpenTelemetry, Material UI, CircleCI, TravisCI, AWS, Docker, OAuth/OAuth2, JWT, Cookies, Bcrypt, IBM SPSS

Experience

Mist | Software Engineer | *CloudFlare Worker Development Tool*

- Built real-time APM tool for running serverless functions in dev environments using local simulator, measuring starts, durations, HTTP requests, headers, status codes, successes and errors designed to improve dev productivity.
- Introduced React to componentize front-end code to improve UX by reducing re-rendering time with the virtual DOM and keeping metrics chart display in sync and easy to maintain by enforcing unidirectional data flow.
- Utilized GraphQL with Cloudflare's built-in API to gather data on deployed serverless functions, establishing baseline performance expectations on an edge network vs in a simulated environment on a developer's local machine.
- Designed an Express server using middleware pattern for incrementing session numbers and storing metrics in a user-specified relational database in order to isolate business logic and improve application scalability and debugging.
- Utilized OpenTelemetry to collect, process and export vendor-agnostic telemetry data by recording chronological spans and sending data to frontend for performance metric visualizations, providing straightforward data visibility and intuitive processing.
- Designed script to load pre-defined tables into a SQL database enabling developers to store ACID compliant session-specific metrics on user-provided database instances, eliminating hosted database costs and guaranteeing user privacy.
- Leveraged Chart.js library to render interrelated data points (request and response time) over recorded duration, percentage errors vs successes, and average performance over previous sessions, elevating the observability of serverless functions with pie charts, bar graphs and scatter graphs, allowing for better interpretation of metrics.
- Utilized Jest and Supertest for end-to-end and integration testing, pinpointing defects as part of our CI/CD pipeline and enforcing continued deployment without compromising software performance.
- Utilized Vercel's built in CI/CD pipeline to run unit, integration and regression tests via Github webhooks to mitigate bugs pushing up to production eliminating risk of introducing bugs or jeopardizing security.
- Developed with an engineering team in an agile/scrum environment under tech accelerator OSLabs.

Open Source

GitGood | *Study resource organizer*

- Implemented the Container Pattern in React and implemented Redux to separate stateful and presentational components, adhering to flux architecture by enforcing one-way data flow and improving the maintainability and reusability of components.
- Developed a RESTful server using Node and Express middleware design pattern allowing requests to multiple user endpoints while ensuring the end user's data was secure with Bcrypt and JWT sessions.
- Containerized application with Docker to improve collaboration by unifying development and production ecosystems.

Link | *Event tracker*

- Designed a lightweight SPA with React that allows users to render a map displaying local events, leveraging Material UI components for rapid development of user interface and resulting in a seamless user experience.
- Leveraged Google Maps SDK to render a map in relation to the data obtained by the Ticketmaster API in order to place markers on the map where events were happening within a 25 mile radius of the user inputted zip code.

Branch Out | *Track foliage in NYC Parks*

- Accessed Bootstrap via CDN to apply custom CSS styling on UI that allows users to leave reviews on current NYC park blossoms taking advantage of CDN caching capabilities resulting in an enhanced UX and app performance.
- Utilized React.js and React router in order to create modular components that can be reused to render new pages for each park. Resulting in an increase in app scalability for future development and minimizing calls to the backend.

Education

City University of New York, Hunter College B.A 2018

Public Talk & Publication

Introduction to GraphQL Single Sprout Tech Talk
Medium Article: What is Mist? Development tool for Cloudflare Workers

Interests

Playing ultimate frisbee | BBQ everyday if I could | Biking at Prospect Park | Taking pictures of my dog | Anything space related