

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, TypeScript, Material UI, CircleCI, TravisCI, AWS, Docker, OAuth/OAuth2, JWT, Cookies, Bcrypt, IBM SPSS

Experience

Mist | Software Engineer | [OS Labs](#) | *CloudFlare Worker Development Tool* 2022-Present

- Developed an APM tool for unpublished Cloudflare Workers, allowing users to interact with a GUI to record and render metrics of serverless functions to aid in the development of Workers.
 - Utilized Cloudflare's GraphQL API in order to get performance data of a Worker in production mode to ensure Mist tracer accuracy when recording Worker performance data in a local environment.
 - Deployed serverless code to Cloudflare's native Edge Network to allow for backend service scalability.
 - Leveraged Miniflare's API in order to instantiate a local environment for users to develop their applications before deployment to Cloudflare's Edge network, allowing for Mist to record Worker performance analytics.
 - Utilized OpenTelemetry to implement a custom tracer, exporter, and processor that consistently records Worker performance data, allowing metrics from Miniflare to be accurately exported into our application's local server.
 - Designed a SQL database enabling ACID compliant storage of key Worker metrics (response times, request status codes, HTTP request methods, URL endpoints) eliminating any vendor related database costs and ensuring user privacy.
 - Developed user-friendly frontend with reusable, modularized Svelte components and flexible state management architecture that resulted in the rapid compilation of our metrics dashboard dynamically rendered by Chart.js across multiple sessions.
 - Utilized Vercel's built in CI/CD for automatic production-grade staging when developing Mist website (MistAnalytics.com) resulting in a seamless workflow collaboration. Leveraged Vercel's hosting capabilities to host MistAnalytics.
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Open Source

Crypto Prices | Software Engineer | *Cryptocurrency live price tracker* 2020-2021

- Designed a SPA with React hooks in order to update state on the client depending on the popularity of a cryptocurrency coin. Constructed separate functions in order to apply params to fetches to update state and render accurate coin prices.
- Integrated Axios built in fetch API functionality to retrieve data from a public cryptocurrency API in order to render live market prices on the front end, while also manipulating data using different endpoints to access filtered data.
- Designed a Node.js/Express server with proxy functionality in order to proxy client requests from the front end to the appropriate API endpoint designed to respond with the appropriate user requested cryptocurrency information.
- Configured Circle CI to run unit, integration, and regression tests via Github webhooks to mitigate bugs pushing to production for a seamless CI/CD pipeline which increased the overall efficiency of the software delivery process.
- Created React component tests using Jest to ensure code coverage and quality assurance whilst adhering to TDD.

Link | Software Engineer | *Find Ticketmaster events in your area* 2022-Present

- Designed an app with Material UI by using modularized reusable components to render a map displaying local events to provide a unified user experience across devices while increasing application responsiveness.
- Utilized the Ticketmaster API to fetch location-based local events based on user inputted information inserted in the API fetch request to retrieve relevant data such as coordinates of events, and URLs to purchase event tickets.
- 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 | Software Engineer | *Track current foliage in NYC Parks* 2022-Present

- 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.
 - Designed relational SQL database schemas enabling ACID compliant storage of new users created and user review posts.
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Education

Hunter College, City University of New York Bachelors in Science
Codesmith Software Engineering Residency

Relevant Coursework: Intro to Java

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