

ALFREDO MORALES

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 [LinkedIn](#) |  [GitHub](#) | <https://freedomora.com>

SKILLS

Languages: Typescript, JavaScript, C++, SQL, Java, Python

Databases: PostgreSQL, MySQL, MongoDB

CI/CD: Render, S3, RDS, Vercel, Heroku

Frameworks/Env: React/React Native, Node.js, Next.js,

Express, Redux, Mobx, Zustand, Tailwind, Material-UI,

Bootstrap, Figma, Recharts

WORK EXPERIENCE

TracFlo - Series seed startup, construction fintech

New York, NY

Fullstack Software Engineer II

Sep 2023 – Present

- Lead the development, and successful deployment of client facing tools, within the company's web and mobile application, which resulted in enhancing user engagement by 35%, as measured by a significant uptick in average session duration and active users, verified with FullStory.
- Led the development of a daily production log and creation process, with the objective of achieving an increase in user engagement. This involves orchestrating the planning, design, and execution of the initiative to enhance the overall user experience and drive growth.
- Delegated tasks and apply agile/scrum principles to efficiently break down work, ensuring effective sprint cycles and on-time software product delivery.

Fullstack Software Engineer I

Jan 2022 – Aug 2023

- Worked with stakeholders to identify, fill gaps in dev requirements, and meet the needs of users in the construction management industry, while collaborating with a team of 3 developers to build high-performance, scalable full-stack web and mobile applications.
- Developed features and spikes in collaboration with UX designers and product managers throughout the entire rebuilding process of the main web application, engaging with client/stakeholders, overseeing design and wireframe creation.
- Led the end-to-end development and deployment of robust API endpoints using Typescript and Node.js, collaborating cross-functionally to design RESTful architectures. Implemented scalable solutions, optimizing data retrieval and system performance, while ensuring comprehensive documentation and adherence to security protocols.
- Created comprehensive end to end integration test suites to validate functionality, cover edge cases and ensure the reliability and accuracy of the system.

Frontend Software Engineering Intern

Jun 2021 – Dec 2021

- Redesigned and developed TracFlo's landing website using React.js which increased monthly active users by 100% and lowered bounce rate by 18%
- Rewrote primary web application to meet modern development standards and approaches.
- Leveraged Git and GitHub for version control, branching, merging, and code reviews. Actively participated in team stand-ups, peer code reviews, and achieved a decrease in deployment time through optimized Git workflow.

PROJECTS

Earworm

Jan 2021 – May 2021

- Implemented a music visualization and exploration tool based on Billboard's Year-End charts from 1970-2020 which provides album overviews and data visualization for understanding the development of music trends over time.
- Designed and developed the user interface using React.js as well as Recharts and Tailwind to display data and information in a fluid and pleasing manner.

CunyHub

Sep 2020 – Dec 2020

- Developed a web application which provides CUNY related information to incoming or enrolled CUNY students using R Shiny for front end, with a MySQL backend.
- Implemented MySQL to query the normalized data and find relevant information to display and for comparisons.

CERTIFICATES

In the Lab Product Management, Product Manager Apprentice

Aug 2023 – Present

- Developed the mvp of a traveler application designed to facilitate storage and delivery of luggage for tourists. Analyzed the problem space by doing primary market research including interviews and competitor overview.
- Created a Figma prototype and deployed the mobile app using Bravo Vision.

EDUCATION

Hunter College, City University of New York (CUNY)

Bachelor of Arts in Computer Science

New York, NY

May 2021