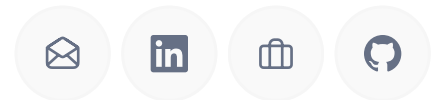# Carlos Santiago

Front-End Software Engineer

Skills

- **Frontend**: React, TypeScript, Next.js, Remix, Redux, Vue3
- **Tooling**: Webpack, SingleSpa, Vite, Storybook, Github Actions
- **Testing**: Vitest, React Testing Library, Jest, Playwright
- **Backend**: NodeJS, NestJS
- **UI Styling**: Tailwind, SCSS, Design Tokens, Design Systems, Component Libraries

Experience

Dais Technology-Acquired by Origami Risk   Jan 2024 - Sep 2024
Senior Front End Software Engineer

- Developed a PDF mapping system transitioning from Vue2 to Vue3, integrating AWS services (Lambda, DynamoDB) to automate data ingestion and reduce page load times by 20%.
- Developed scalable front-end solutions for an insurance product management system, ensuring seamless API communication and cloud-native deployment.
- Implemented automated browser UI testing, reducing QA time by 40%.
- Implemented component libraries with TypeScript, cutting development time for new features by 30%.

Project44   Jul 2021 - Nov 2023
Senior Front End Software Engineer

- Refactored React applications to adopt a Micro-Frontend architecture, enabling independent deployments via Webpack Module Federation via Google Cloud.
- Developed NestJS Backend For Frontend (BFF) that focused on creating a tailored API layer that serves the specific needs of various Micro-Frontend applications.
- Implemented Optimistic UI updates & Infinite Scrolling using React Query, reducing perceived API response times for a seamless UX.

Dais Technology   Dec 2018 - Jan 2021
Front End Software Engineer

- Developed the front-end for a PDF mapping application using React, integrating AWS OCR technology to automate data ingestion and improve client onboarding efficiency by 60%.
- Helped developed real-time WebSocket-powered workflows, enhancing insurance agent efficiency by 40%.
- Reduced JS bundle size by 20% using Tree Shaking, Dynamic Imports, and Webpack to improve page load speeds.

SpotOn   Apr 2016 - Sep 2018
Lead Product Designer

- Led design strategy for a major product revamp when SpotOn transitioned from Marketing to Payments, redefining the user experience to align with new business goals, and support the adoption of payment processing features.
- Improved user engagement by 25% after redesigning UI to align with new payment features.
- Collaborated with engineering to develop and implement a React design system, reducing inconsistencies by 40%.

Education

- **Project Management Institute**   Certified Associate in Project Management (CAPM)® • March 2025
- **Thinkful**   Software Engineering Bootcamp • Mar 2018 - Dec 2018
- **Roosevelt University**   Master of Business Management (MM) • Jul 2012 - Jul 2014
  Bachelor of Science in Graphic Design - (BASc) • Jul 2010 - Jul 2012

I am a U.S. citizen, I do not need a work visa.