

José J. Silva

Semi-Senior Frontend Eng.



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Summary

With over **5 years of experience** in Angular, React, and Astro, I am passionate about transforming ideas into functional, scalable, and impactful interfaces. I have developed **large-scale applications**, including a cross-platform university app with 30,000+ downloads and a nationwide app with 500+ users. **Experienced in leadership**, component library creation, and unit testing with Jasmine and Jest. [Portfolio](#).

Skills

DEVELOPMENT & FRAMEWORKS

Frameworks

Angular (NgRx, RxJS, Jasmine)	+4 years
React (Redux, Zustand, Jest)	+3 years
Astro	+2 years
Ionic (Capacitor)	+3 years

Professional

Technologies / Concepts

JavaScript	+5 years
TypeScript	+4 years
Git	+4 years
NodeJS (Express.js)	+2 years

Professional

Other technologies / Methodologies

Scrum, Figma, integrating API REST, GraphQL, Netlify, AWS, Azure, Vercel, and Python (automation scripts and Django).

LANGUAGES

Spanish	Native
English	C1 (TOEFL Exam)

Work Experience

2021-10 - 2025-04

Industrial University of Santander

Bucaramanga, Santander, Colombia

Frontend Lead (2024-06 - 2025-04)

- Led the development of a nationwide application using Angular, Ionic, Capacitor, and Azure, impacting over 500 users.
- Developed a chat module with text messaging and file attachment handling (e.g., videos, audio, and images) stored in Azure Storage.
- Implemented offline functionality, allowing the app to work without an internet connection and sync data with the backend when possible.

Mid-Senior Frontend Engineer (2023-06 - 2024-06)

- Developed a custom Capacitor plugin to manage push notifications, integrating Angular, Capacitor, Android, and Swift.
- Created modules for the mass creation and management of push notification templates.
- Conducted frontend training sessions for other teams, covering Angular, HTML, CSS, and best practices to enhance development standards.

Junior Frontend Engineer (2021-10 - 2023-06)

- Developed most of the frontend for the university's official cross-platform app, achieving over 30,000 downloads on the Play Store, Apple Store, and Huawei Gallery. Used Ionic, Capacitor, and Angular.
- Implemented unit tests with Karma and Jasmine, achieving over 80% code coverage.
- Developed and maintained key modules of the Academic Information System using Angular and Angular Material, significantly improving performance and usability.

2024-03 - 2025-04

Freelance Software Engineer

Freelance Experience

- Designed and developed a website for a legal consulting firm using Astro, React, TailwindCSS, GitHub CI/CD, and Hostinger.
- Integrated MercadoPago to manage online payments by developing a backend with Express.js to handle webhooks and track payment statuses. Additionally, implemented the Resend API to automate email delivery.
- Collaborated with an interdisciplinary team in developing a website for an international event, utilizing Astro, React, TailwindCSS, and GitLab CI/CD.
- Deployed projects on Netlify, securing them through Cloudflare proxies and configuring DNS records to connect domains and subdomains.

2021-06 - 2021-08

Junior Software Developer

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Bucaramanga, Santander, Colombia

- Developed a static website based on a provided design using React and TypeScript, as well as designing and building missing pages.
- Created a custom Grafana plugin to visualize data on a dashboard, enhancing monitoring and analysis capabilities.

Education

Industrial University of Santander

Systems Engineering. (2018-2023)

- I graduated *cum laude*.
- I worked with the Academic Excellence System to help students learn challenging subjects.
- I collaborated with the Academic Excellence System to design and develop a software solution for online education during the pandemic.