Juan Polanco

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As a frontend-focused developer with over 11 years of experience, I specialize in building modern, dynamic, and high-performance web applications. From my early days with AngularJS and jQuery to my current expertise in TypeScript, React, and Next.js, I've continuously adapted to the ever-changing landscape of JavaScript, always eager to leverage the right tools for the task at hand.

Though my heart lies in frontend development, I also possess a strong foundation in backend technologies like Node.js (Express), PHP, and .NET, which allows me to collaborate seamlessly across the full stack when needed.

Beyond web development, I'm diving into the realms of AI, OpenAI APIs, and stable diffusion, constantly expanding my skill set to stay ahead of the curve. My passion for innovation pushes me to break new ground in frontend development, crafting impactful and intuitive digital experiences.

👨🏽‍💻 Professional Experience ──────────────────────────────────────

STAG Securities • A global inter-dealer commodities broker   website
Senior FrontEnd Developer July 2023 - Present day 📍 *Remote from Madrid, Spain*
Skills: React·TypeScript·Next.js·Jest

I lead the development of web applications using **React** and **TypeScript**, creating intuitive and high-performance user interfaces for real-time market data, trade management, and blotter functionalities. I ensure application quality through testing with **Jest** and **Cypress**, maintaining robustness and bug-free performance via continuous integration. I design and implement **RESTful APIs** with **.NET** and **PostgreSQL** for seamless communication between frontend and backend. Additionally, I integrate real-time data streaming to provide up-to-date market insights, optimizing performance for large data volumes. I collaborate with cross-functional teams to troubleshoot and resolve issues, ensuring smooth operations, and continually improve the application's performance, security, and user experience based on feedback and emerging trends.

Media.Monks • A digital production company   website
Principal FrontEnd Developer October 2021 - July 2023 📍 *Remote from Bogotá, Colombia*
FrontEnd Developer January 2018 - December 2018 📍 *Buenos Aires, Argentina*
Skills: React·Redux·TypeScript·Muban·GSAP·Styled-Components·Angular·Webpack·Jest·Sass·Storybook·Vue

I contributed to and maintained **Muban**, the company's internal JavaScript frontend framework, ensuring its stability, optimizing performance, and implementing new features for a global team of 300+ developers. I mentored developers on best practices, code quality, design patterns, and efficient workflows to enhance team productivity and maintainability. I developed project scaffolds and reusable templates to streamline handoffs and maintain consistency across projects. Collaborating with cross-functional teams, I helped develop and launch award-winning websites and applications, delivering high-quality user experiences. I conducted code reviews, implemented automated testing, and ensured continuous integration to maintain high code quality. Additionally, I identified and resolved technical challenges, driving innovation and staying updated with industry trends to introduce effective solutions.

10X • An ecommerce platform for businesses   website
Lead Frontend Developer June 2020 - September 2020 📍 *Remote from Bogotá, Colombia*
Skills: React·Typescript·Strapi·Gatsby·Node·express·MaterialUI·GraphQL·Sass·Ecommerce·PostgreSQL

I developed the company's **Minimum Viable Product (MVP)** using **Strapi**, **React**, and **Gatsby**, creating a robust foundation for future enhancements. I designed and implemented a **B2B web application** that allows businesses to create, manage, and showcase their online catalogs, integrating features to streamline catalog management and improve user experience. Additionally, I developed a **B2C web application** that enables clients to browse catalogs and make purchases, ensuring a seamless and intuitive shopping experience with optimized performance.

HUGE Inc • A full service digital agency   website
Senior Web Engineer March 2020 - June 2020 📍 *Bogotá, Colombia*
Web Engineer June 2019 - March 2020 📍 *Bogotá, Colombia*
Skills: Drupal·React·Next.js·Sass·Typescript·Jest·PHP

I developed a custom, fully accessible **Drupal theme** for the new **Hublot.com** website, ensuring a high-quality, user-friendly experience that adhered to brand standards and accessibility guidelines. I led the development of the new **Spotify for Brands** website, utilizing modern technologies to create a dynamic platform for brand promotion and interaction. Additionally, I conducted a technical workshop on **VSCode extension development**, providing hands-on training to improve team proficiency with custom tools and enhance development workflows.

Mensajeros Urbanos • An on demand delivery service and logistics platform   website
Principal Front End Developer March 2019 - June 2019 📍 *Bogotá, Colombia*
Front End Developer February 2017 - March 2019 📍 *Remote from Bogotá, Colombia*
Skills: Angular·Vue·Sass·Node·Express·WebSocket·OpenLayers·Angular material·MySQL

I developed a **client-facing web application** that allows clients to create and track services in real time, implementing features for real-time updates and user interaction to ensure a seamless experience. I also created an **internal operations application** for the operations team to track services and deliveries, incorporating comprehensive map visualizations and dynamic, interactive map-based interfaces for efficient operations management.

AC Labs • A hiring startup
Full Stack Developer March 2016 - December 2016 📍 *Bogotá, Colombia*
Skills: Angular·Sass·Laravel·PHP·Ionic·Gulp·MySQL

I developed and maintained the **primary web application** where businesses could hire personnel for high-rotation jobs, ensuring a seamless user experience and efficient functionality for both businesses and job seekers. Additionally, I created **custom solutions**, including websites, **REST APIs**, and mobile applications for multiple clients, delivering tailored solutions to meet specific business needs and improve client operations.

Designplus • A digital agency
Web Developer August 2014 - March 2016 📍 *Bogotá, Colombia*
Skills: Angular·Sass·Gulp·PHP·Codeigniter·Foundation for apps·MySql

I **modeled and maintained MySQL databases**, ensuring data integrity, performance, and scalability for various applications. I also **developed REST APIs** to facilitate seamless communication between front-end interfaces and back-end systems, focusing on efficiency, security, and scalability. Additionally, I **designed and developed single-page applications**, websites, and custom content

management systems, delivering solutions tailored to meet specific business needs and enhance the user experience.

Global Games SA
Web Developer March december 2013 - June 2014 📍 *Bogotá, Colombia*
Skills: JQuery·PHP·MySQL

I **developed PHP functions** to generate reports, ensuring accurate and efficient data processing for various reporting needs. I also **created jQuery functions** to handle report rendering and interactive features, enhancing the user experience and enabling dynamic report interactions.

🤖 Selected personal projects and achievements --

- [The Inner Calm](): A fully automated YouTube channel built with AI and React
- [Presentation Mode](): A VsCode extension with over 26K downloads
- First aperture: An interactive experience for Getty Images, won [SOTD]() at awwwards and a [FWA]()

📚 Education --

Servicio Nacional De Aprendizaje SENA
Technologist In Software Applications and Systems Development February 2012 - November 2014

🎏 Interests --

When I'm not coding some personal project I'm playing board games and painting miniatures.