



Juan Manuel Vargas

Frontend Engineer

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About Me

Highly skilled Frontend Engineer with a deep passion for creating scalable and high-quality software solutions.

Result-oriented professional with extensive experience in developing complex and user-friendly web applications.

Committed to best practices, continuous growth and the ability to learn new things quickly.

Awards

- Winner of the IBSER Hackathon 2022

-Participant in the Great Colombian Programming Marathon 2022

-Participant in the International Collegiate Programming Contest - 2022

Education

Self-Study Essential Books

JavaScriptInfo~Ilya Kantor

Clean Architecture~Robert C. Martin

Design Patterns~Alexander Shvets

Courses and Certifications

Science, Technology, and Innovation - SENA 2020

Certification from Ministry of IT and Communications (MINITIC) 2021 - MINITIC

Work Experience

ABA TECH, Frontend Engineer 2022 - Present

- Created a monorepo with a **microfrontend** architecture using **Turborepo** and **Next Js Multizones**, improving modularity and scalability project.
- Led decision-making processes for **user experience** and **design system**, enhancing UX and team productivity.
- Integrated a notification system using **Socket.IO**, enhancing **real-time user communication** and engagement.
- Implemented an advanced comment and tagging system, improving comments organization and team communication.
- Achieved a 14% increase in **production performance** and a 50% increase in development, boosting user and team productivity.

IBSER, Frontend Engineer 2021 - 2022



- Developed an **authentication system**, providing secure access.
- Created an infinite scroll course listing feature, increasing UX.
- Managed deployment processes, ensuring smooth releases.
- Create **scalable components**, enhancing maintainability.

Professional Skills



Javascript



Typescript



Next js



React js



Svelte



Astro js



Qwik js



Microfrontends



Clean architecture

Others

Technical: HTML, CSS, SASS, Tailwind, React, Vue.js, Redux, React Query, Material UI, Zustand, React-Hook-Form, REST API, Axios, i18n, Zod, Responsive Design, SPA, MPA, Turborepo, Jest, Monorepositories, Unit Testing, End-To-End Testing, Core Web Vitals, Design Patterns, Performance Optimization, SOLID Principles, Atomic Design.

Tools and Platforms: Git Specialist, GitHub, Bitbucket, CI/CD, AWS, Netlify, Vercel.

Project Management: Jira, Scrum, Agile Methodologies.

Soft Skills and Languages: Empathy, Adaptability, Decision-Making, Teamwork, Perspective, Good Time Management, Effective Communication, Native Spanish, English (B2).