Juan David Zea



Software developer · Systems Engineer

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PROFILE

Systems Engineer with 6 years building interfaces. Today I build a payment gateway's checkout and the company's design system, and I build with AI agents. I work with Claude Code and build tools so agents can do real work. I believe in SOLID, TDD and using AI with judgment.

EXPERIENCE

Senior Frontend Engineer · Placetopay — Evertec Inc. — Feb 2021 – present · 5 years

I build and maintain the checkout page of Placetopay's payment gateway, which processes transactions across Latin America.

- I created Spartan Vue, the company's design system, and I'm its top contributor.
- I created the open-source icon, flag and lightbox libraries its products use in production.
- I've taught internal programming courses to the team.

Vue · TypeScript · TailwindCSS · Nuxt · PHP · Laravel

Freelance developer — Freelance

Custom software for a furniture store: sales, inventory, invoicing and reports.

JavaScript · Node · SQL

PROJECTS

PTP Studio · My own tool

A web client I built to test Placetopay's payment APIs (over 36 endpoints), with a Chrome extension that mocks the checkout's responses and an MCP server so an AI agent can drive it.

MCP: 2,315 downloads/yr · v0.7.1 · ptp-studio.juanzea.com

Spartan Vue · Design system

Placetopay's design system: Vue components on TailwindCSS v4, documented and versioned, used in production.

774 of 1,204 commits · 296 versions · 17,739 downloads/yr · v3.1.1 · placetopay-org.github.io/spartan-vue/es

Iconsax Vue · Icons

Over a thousand Iconsax icons as Vue components, in six styles, that only weigh what you import.

62,535 downloads/yr · v1.0.0 · placetopay-org.github.io/iconsax-vue

Flagicons Vue · Flags

Countries' flags as Vue components, in three sizes.

6,811 downloads/yr · v0.1.0 · placetopay-org.github.io/flagicons-vue

Lightbox SDK · SDK

Opens websites in a modal iframe and talks to them, with configurable styles and behavior.

3,492 downloads/yr · v2.6.0 · placetopay-org.github.io/lightbox-sdk

SimpleMoneyConverter · API

Currency conversion API with historical rates and batches of up to 100 requests.

github.com/JuanZea/SimpleMoneyConverter

WHAT I WORK WITH

Frontend	Vue, Nuxt, Svelte, React, Astro, TypeScript, JavaScript, TailwindCSS, CSS, HTML
Backend & data	Node, Laravel, PHP, SQL, Drizzle, NeonDB, Supabase
AI	Claude Code, Claude, MCP, Gemini, OpenAI
Infrastructure	Cloudflare, Vercel, Git, pnpm
Practice	SOLID, TDD, Vitest, OOP, SCRUM, Design patterns

EDUCATION

Systems Engineer
University of Antioquia