

Pedro Partida *Full-Stack Engineer*

Focusing on type-safety, tooling and DevOps culture.

Work experience

Full-Stack Engineer – DevOps Engineer

G-Global

May 2022 - Present

Tijuana, México

- Designed new CI pipelines and enhanced existing ones to decrease the projects' average time to production by as much as 30%.
- Migrated two large React apps from an older toolchain (Webpack) to a more modern one (Vite), decreasing their build time by 80%.
- Developed a web application to manage containerized, distributed systems and their repositories using SvelteKit and the Kubernetes and GitLab APIs.
- Migrated a large portion of a microservices-based backend application from JavaScript to TypeScript, largely decreasing the frequency of bugs making their way into production.
- Defined a standardized toolchain for the projects managed by the team to achieve consistency on code style and best practices across the codebase.
- Collaborated with the design team on the development of customer-facing applications and APIs.

Projects

■ SupraChat

Web application that allows users to sign up, login, and upload pictures on an IRC-based chat platform. Implements the [draft/account-registration](#) IRC capability. Currently being migrated to a monorepo setup.

Tech used: **TypeScript, React, Gatsby, TailwindCSS, Node.js, Fastify, MongoDB, Docker, Kubernetes, GitLab.**

■ Monglue

A small wrapper around MongoDB's native Node.js driver that allows for type-safe joins between collections with great auto-completion support. High testing coverage, including type-level unit tests.

Tech used: **TypeScript, Node.js, MongoDB, ESBUILD, Vitest.**

■ Portfolio

Personal website with a component that shows text editor activity in real-time, comprised of a static website, a WebSockets server and a text editor plugin, in a monorepo setup with automated deployment of every part.

Tech used: **TypeScript, Astro, Svelte, TailwindCSS, Turborepo, ESBUILD, Docker.**

Contact

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Location

Ensenada, Baja California, México

Tech Skills

- TypeScript
- JavaScript
- React
- Node.js
- Svelte
- Python
- Docker
- MongoDB
- SQL
- HTML
- CSS
- TailwindCSS

Soft skills

- Problem solving
- Teamwork
- Leadership
- Communication

Education

Electronics Engineering

Universidad Autónoma de Baja California

Aug 2015 – Jun 2020

Ensenada, México