

Pedro Partida

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Work experience

G-Global

Full-Stack Engineer

Tijuana, México (remote)

May 2022 – Present

- Collaborated on the development of multiple user-facing apps from frontend to backend using **React** and **Node.js**.
- Migrated a large portion of a **microservices**-based backend application from **JavaScript** to **TypeScript**, improving code maintainability and reducing bug-related incidents by 30%.
- Standardized the projects' toolchain to achieve consistency on code style and best practices, resulting in a 40% decrease in code review time.
- Designed and developed a unified notification system for multiple projects using various **AWS** services, such as **Lambda**, **SNS**, **SQS** and **DynamoDB**.
- Optimized the projects' **CI/CD** pipelines to decrease their time to production upwards of 25%.

Education

Universidad Autónoma de Baja California

B. Eng. in Electronics

Ensenada, Baja California, México

Aug 2015 – Jun 2020

Skills

Programming: TypeScript, JavaScript, Node.js, Express, React, Svelte, MongoDB, HTML, CSS, TailwindCSS, Docker, SQL, Python, Git, Linux

Management: Agile, SCRUM, Jira

Languages: English (advanced), Spanish (native)

Projects

SupraChat

Chat application built on top of the IRC protocol, made with **TypeScript**, **React**, **Node.js** and **MongoDB**, deployed using **Docker**, **GitLab** and **Kubernetes**.

Monglue

TypeScript wrapper around MongoDB's native Node.js driver, allows for type-safe joins between collections with automatic type inference. High **testing** coverage, including type-level **unit tests**.

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.