Ulises Santana - Full Stack Developer

LinkedIn   **Online CV**   **GitHub**

🎓 Education & 💼 Experience

🎓 Certificate of Higher Education: Business Management and Marketing

🎓 Certificate of Higher Education: Web Application Development.

💼 Co-founded a digital marketing studio.

💼 Working on digital products since 2013, professionally building software since 2016.

💼 Working on projects using eXtreme Programming since 2020.

💼 Experience working in an international environment.

💼 Experience as both individual contributor and team lead.

💼 Lifelong learner focused on value delivery, mentorship, and maintainable software.

💼 Fluent in English and Spanish.

👩‍💻 Technology Highlights

👩‍💻 **JavaScript, Node.js & TypeScript** (proficient; JavaScript is my mother tongue)

👩‍💻 **Frontend:** React, AngularJS, Vue, HTML, CSS, CSS-in-JS, SCSS.

👩‍💻 **Backend:** Express, NestJS, Fastify, PHP (Symfony), MySQL, MongoDB.

👩‍💻 **Architecture:** Clean Architecture, Hexagonal Architecture, Microservices, Microfrontends, Backend For Frontend.

👩‍💻 **Tooling:** Docker, GitLab, Husky, Vite, Hygen, Jest, Vitest, Cypress, CI/CD, npm private registries.

👩‍💻 **Other:** AMQP, TDD, Technical documentation, async communication.

🧰 Skills

🔍 **Strategic Thinking & Execution:** Ability to see the big picture while consistently delivering on short-term goals.

💪 **Ownership & Initiative:** Self-motivated, take full ownership, and thrive in taking action without being told what to do.

🚀 **Challenge-Driven & Resilient:** Embrace challenges with a proactive and solution-focused mindset.

💡 **Entrepreneurial & Self-Learning Mindset:** Learns independently and thinks like a builder.

🤝 **Team Player & Mentor**: Fosters collaboration and helps others grow through knowledge sharing and guidance.

ulisesantana.dev   ulisesantana@gmail.com

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⚡ Career Highlights

⚡ Led the technical setup and frontend architecture of large-scale projects used by millions.

⚡ Introduced and promoted TDD, leading to taking control back of the core legacy product. We went from having no test coverage to having 50% of the codebase covered — and still adding more coverage.

⚡ Developed dozens of microservices communicating via HTTP and AMQP protocols.

⚡ Built and maintained an invoice engine used by over 300K customers.

⚡ Improved a Node.js process from 5 hours to 5 minutes by eliminating event loop blocking code (featured in blog post and talk).

⚡ Coached teammates and clients in TypeScript, Node.js and sustainable software practices.

⚡ Evangelized testing, clean architecture and maintainability across multiple teams.

⚡ Applied TDD as design flow for multiple projects resulting in a full test coverage and smooth deploy to production.

⚡ Used Clean Architecture successfully in multiple projects resulting in a continuous greenfield feeling.

⚡ Dockerized microservices and local development infrastructure since 2017.

❤️ Stuff I love

❤️ Building things in **JavaScript**, **TypeScript** and **Node.js**

❤️ Projects with **tests, clear architecture and a purpose**.

❤️ **Progressive Web Apps** & **Web Ecosystem**.

❤️ **Open Source:** Creator of git-reporter, diff-lines, array-analyzer. and pending notes, an Obsidian plugin. I love to create my own tools.

❤️ **Solve problems** through software.

❤️ Walking in nature with **Mocha**, my chihuahua (named after JS code name!)