









# Ulises Santana - Full Stack Developer

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## 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.
-  Building professional software since 2016
-  Working on projects using eXtreme Programming since 2020.
-  Experience working in an international environment.
-  Experience in Agile Methodologies and as manager.
-  Lifelong learner with a thirst for new technologies and focused on maintainable code.
-  Fluent in English and Spanish.

## Technology I have used

-  Proficient with JavaScript, Node.js and TypeScript. JavaScript is my mother tongue.
-  Proficient with HTML, CSS, React and CSS-in-JS.
-  Comfortable with Vue and CSS preprocessors.
-  Comfortable with SQL and NoSQL.
-  Comfortable with AMQP.
-  Comfortable with PHP. I have used with Symfony along with AngularJS.



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## ⚡ Career Highlights

- ⚡ Developed dozens of microservices, some of them communicated through AMQP Protocol and some of them through HTTP Protocol.
- ⚡ Built a project with micro frontend architecture and deployed it for millions of users.
- ⚡ Used Backend for Frontend approach for arranging all frontend API calls to a single point and let the Backend for Frontend handle it to the related microservices.
- ⚡ Built an invoice engine handling different kind of taxes and used by over 300K customers.
- ⚡ Led a Full Stack Team.
- ⚡ Led a Node.js Team.
- ⚡ Improved a Node.js process performance from 5 hours to 5 minutes. All by refactoring data flow thanks to detecting event loop blocking code. I have a [blog post](#) and a [talk](#) about this (in Spanish).
- ⚡ Trained coworkers and customers in TypeScript and Node.js.
- ⚡ 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.
- ⚡ I have evangelized TypeScript and Inner Source practices wherever I have been working at.
- ⚡ I have been dockerizing microservices since 2017. I also use Docker for dockerizing infrastructure for development.



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## ❤️ Stuff I love

- ❤️ JavaScript, TypeScript and Node.js.
- ❤️ Functional Programming.
- ❤️ A project with tests.
- ❤️ Progressive Web Apps.
- ❤️ Web Ecosystem.
- ❤️ Solve problems through software.
- ❤️ Open Source. I've created open source tools as [git-reporter](#), [diff-lines](#) or [array-analyzer](#). I also published a [plugin](#) for Obsidian and [a PWA for listing my groceries](#).
- ❤️ Walk across nature with Mocha, my chihuahua. Her name is due to JavaScript code name.
- ❤️ Play board games and video games with friends.
- ❤️ Music. I can't spend a day without music. I was guitar and bass player on metal bands. Nowadays I'm learning how to produce electronic music.

## 🧠 Stuff I'm willing to learn about

- 🧠 Data science. I'm really interested in this area along with machine learning and AI.
- 🧠 Python. Aside from its use in data science it's a programming language with wide use and has evolved pretty well during last years.
- 🧠 Neurology and psychology. I was a psychology student at college.