

## Software Developer

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### Profile

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**Web Developer** with over 10 years of experience. I have contributed to a wide range of projects, from small-scale initiatives to large enterprise codebases.

I also studied and worked for two years as a **Web Designer**. This is a skill that enriches my technical knowledge and provides a valuable perspective.

### Skills

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Html, Css, Sass, Bootstrap, Tailwind Css, JavaScript, TypeScript, JQuery, ReactJs, Next.js, Vue.js, Astro, Node.js, Express.js, SQL, NoSQL, MVC Architecture, Design patterns, Testing, Web layout, Mobile First, Responsive Design, Git, Jira, Atomic Design, Design thinking, Scrum, WordPress, MacOS, Windows, Linux, Figma, UX Design, User researcher, Prototype design, Information architecture and English B1.

- Integrity.
- Sense of belonging.

### Experience

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Sirden (Spain)

**Senior Frontend Developer** - September 2025 - December 2025

- Develop dynamic and scalable interfaces using the Vue.js Composition API ecosystem. Ensuring a modular component architecture.
- Implement design systems with Tailwind Css, Shadcn y PrimeVue.
- Manage status with Pinia and routing with Vue Router.
- Optimise loading times, accessibility and Mobile First (Responsive Design).
- Implementation of service layers using TypeScript, ensuring that components depend on interfaces rather than specific lines of code API.
- Consume and integrate APIs and web services; CRUD on Frappe (Python) DocTypes using the Axios library.

- Manage source code using Git, facilitating collaborative work.

### Blue Web Factory (Netherlands)

#### **Lead Frontend Developer** - February 2023 - April 2025

- Define the project structure (micro-frontends, monorepos, or modular architectures).
- Implement (React Context, Zustand), styles (Tailwind CSS) and frameworks (Next.js y Astro). SSR, SSG or PPR to optimize the Core Web Vitals and the SEO.
- Integrate external services and payment gateways.
- Create and maintain code style guides, design patterns, and the implementation of Design Systems.
- Monitor code quality, ensuring compliance with SOLID and Clean Code principles.
- Guiding developers in their professional growth.
- Define unit tests (React Testing Library).

### Office of the President of the Republic of Colombia

#### **Frontend Designer/Developer** - September 2020 - November 2022

- Design wireframes and high-fidelity prototypes for institutional portals.
- Maintain visual identity, following the National Government's brand guidelines.
- Implement interfaces using HTML5, CSS3, and JavaScript.
- Consume and integrate government APIs and web services to display real-time data (procedures, citizen enquiries).
- Ensure that websites are accessible to people with disabilities (screen readers, keyboard navigation, colour contrast).
- Act as a translator between the Design and Development teams.
- Translate stack concepts to non-technical stakeholders (department directors and secretaries).

### Adceda System (Colombia)

#### **Full Stack Developer** - February 2020 - August 2020

- Develop modules in PHP (OOP).
- Implement authentication and authorization systems (such as OAuth or JWT) and protect the application against vulnerabilities (SQL Injection, XSS).
- Design schemas and perform queries in relational databases (PostgreSQL, MySQL).
- Develop the interface logic using reactive frameworks.
- Ensure loading speed and a smooth user experience.

### Samsung (Colombia)

#### **Web Content Editor** - May 2019 - December 2019

- Manage CMS platforms to upload and update text, images, and videos.
- Manage product content on falabella.com
- Integrate HTML and CSS structures into the content management system.
- Review spelling, grammar, and tone of voice to ensure consistency with brand identity.
- Microcopy and copywriting aimed at improving user navigation.
- Critical CSS load management, file minification, and image optimization (WebP, SVG).

#### Monetisoft (Colombia)

##### **Web Designer** - March 2014 - September 2018

- Develop interfaces for virtual stores.
- Custom styling and theme development for WordPress and Drupal ecosystems.
- Implementation of responsive layouts using Media Queries and libraries (such as Bootstrap and Foundation).
- Development of dynamic components using JavaScript and jQuery.
- Implementation of best practices in semantic markup and data structure.
- Use of methodologies such as BEM or SMACSS and preprocessors (Sass/Less) for scalable code.
- Resolving compatibility issues in various browsers (Chrome, Firefox, Safari, and Internet Explorer 11).
- Conduct user testing to identify pain points and areas for improvement in the interface.

#### Edusys Sistemas (Colombia)

##### **Backend Developer** - February 2012 - December 2013

- Develop PHP modules for academic management, automating the processing of grades and student records.
- Administration, optimization, and design of SQL database schemas, ensuring the integrity and availability of information.
- Layout and implementation of web interfaces for educational platforms, ensuring usability standards and responsive design.

## **Education**

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*Research and development university*

**Software Development Technology**

*San José University*

**Systems Engineering**

## **Coursera**

Google - UX Design

CalArts - Graphic Design

## **Platzi**

Design Thinking

User Research

Prototype Design

Information Architecture

## **Portfolio**

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Cámara de Comercio de Bogotá

Grupo Energía Bogotá

Falabella

Casa de Nariño

Eating Disorders Australia

Blue Web Factory

Integra

Tao Consultores

Lilu Apartments

Kirindongo

Dental Clinic

Dymax Corporation

Colegio la Salle

Sumisolda

Yakitori Grill

Behance