

# Anabelle Handdoek

## Senior Software Architect

### About Me

**Senior Software Architect** and **Full Stack Engineer** with 15+ years of experience building accessible (- **WCAG/ARIA**, **ADA**, **AODA**, **Section 508**), high-performance, and secure (OWASP) web applications. Proficient in React, Next.js, TypeScript, Node.js, and passionate about open source, Artificial Intelligence, web3 & DeFi.

Founder of [&infin;manos](#) and creator of award-winning digital experiences like [Colombia's Peace Process Open Library](#). Experienced as a contractor, consultant, and company owner, leading projects of all sizes and serving millions of users.

Currently at [Publicis Groupe](#), delivering impactful solutions for global clients. Lifelong learner, self-motivated, and always exploring the latest in FOSS and technology.

### Personal Projects

#### TetrisTwist

A 3D puzzle game combining Tetris mechanics with Rubik's Cube rotations and perspective shifts inspired by Fez.

*Technologies: Three.js, WebGL, React, TypeScript*

[View Live Demo](#)

#### Multiplayer Snake

Real-time multiplayer implementation of the classic Snake game with competitive gameplay and leaderboards.

*Technologies: Socket.IO, Canvas API, Node.js, React*

[View Live Demo](#)

### Contact Information

**Location:** Bogotá, CO

### Skills & Expertise

#### Frontend Development

Expertise in modern accessible and secure frontend development using **TypeScript**, **React**, **Next.js**, and **Vue.js**. Proficient with web3 libraries including **web3.js** and **Ethers.js** for blockchain interaction. Strong foundation in core **HTML**, **CSS**, and **JavaScript** including **Three.js** and **d3.js** interactive data visualizations.

#### GIT / TDD / CI - CD Pipelines

### Professional Experience

#### Senior Experience Technology Engineer at Razorfish

Nov 2023—Present

Creating and enhancing complex user interfaces making them look simple and work seamlessly for global enterprise clients serving more than 120 Million Users, works with cutting edge technologies and worldwide talent. Focused on adding value to every project and ensuring top notch UX/UI and full compliance with **WCAG AA accessibility** standards while following OWASP security guidelines.

Serving on the **leadership team for the PGD OnChain community**, engineering intelligent automation through agentic workflows and promoting innovation by nurturing talent in frontier technologies such as **Artificial Intelligence**, **Blockchain**, **Web3**, **Smart Contracts**, and various **Metaverses** for internal and client's projects. Mentoring junior engineers, organizing tech talks, and designing AI-driven automation projects.

#### Senior Experience Technology Engineer at Publicis Groupe

Jun 2022—Present

##### Senior Experience Technology Engineer (Oct 2023 - Present):

Created best-in-class user interfaces for major global brands (including Publicis Global Delivery and Razorfish), adhering to AA accessibility, legal, and security standards. Integrating front-end and back-end systems, implementing performance optimization techniques, working with designers and product managers to create user-centered products, and mentoring junior engineers.

##### Senior Front-End Engineer (Jun 2022 - Oct 2023):

Developed and maintained outstanding user interfaces for major global companies using **React** and **TypeScript**. Key contributions included updating major brand's ecommerce sites to increase accessibility, conversion and user retention and implement detailed tracking to verify outcomes with reliable data. Gained expertise in emerging technologies and improved technical abilities through challenging projects.

#### Web Developer at La Gente Del Común

Jun 2013—Jun 2022

Technical lead and full stack web developer for social, artistic, and environmentally focused projects including the open library for Colombia's Peace Process. Developed JSON API backends as well as D3.js data visualizations for several clients including Universidad de los Andes and Fundación para la Libertad de Prensa.

Recently completed projects can be seen at: <https://lagentedelcomun.info/>

#### Manager / Founder at 8manos S.A.S

Sep 2010—Jul 2022

As a founder of 8manos.com software development company, worked as both a project manager and full stack developer for projects with various degrees of complexity and size, including projects for Banco de la República, Ministerio de Cultura, and Federación Nacional de Cafeteros.

Contributed to the open source space. Example projects available at: <https://8manos.com/trabajo/>.

#### Web Producer at La Cápsula Ltda.

MARCH 2005—DEC 2012

As the lead web developer at La Cápsula I had the opportunity to work on challenging projects such as developing a 24/7 music streaming service at Radio Cápsula. As well as high impact projects for companies like dynamo.net and its several movies and Universidad Politécnico Gran Colombiano among others. Always pushing the boundaries of what was possible with web technologies at the time and striving for high quality results for our clients.

### Education

#### JavaScript: TDD y pruebas unitarias avanzado

Udemy

Project Management and version control including Test Driven Development, Continuous Integration and Continuous Development Pipelines with full unit, e2e testing coverage with a focus on code quality, regression prevention and maintainability.

## Backend & Blockchain

Experience in backend development using **Node.js**, **Python**, and **PHP**, including building custom REST/GraphQL APIs. Familiarity with smart contract development using **Solidity** and **MCP** server creation for LLMs.

## Management & Leadership

SCRUM Project Management Certified, Strong Team Leadership, Mentoring, Entrepreneurship and Bilingual Client/Team Communication.

## Languages

- Spanish (Native)
- English (Bilingual C1)
- French (A2)
- Japanese (Basic)


## Vue.js esencial

 Udemy


## Ethereum for Developers Course

 Platzi

## Epic React

 Kent C Dodds, LLC

## Scrum Fundamentals Certified

 ScrumStudy.com

Scrum Fundamentals Certified Course.

## Fotógrafo Profesional Digital

 LaSalle College Vancouver

Digital photography technical education.

## Profesional en Fotografía

 Corporación Universitaria Taller 5

Analog Photography and Graphic Design.

## Awards & Featured Projects

### Notable projects:

- **PautaVisible Government Transparency Platform:** ([pautavisible.org](https://pautavisible.org))
  - Engineered the frontend for this award-winning platform, focusing on complex **data visualization** and secure handling of public datasets. Utilized **React** and **Node.js** to deliver insights into government transparency. Recognized for promoting transparency.
- **45 Salón Nacional de Artistas Digital Exhibition:** ([45sna.com](https://45sna.com))
  - Developed Colombia's first interactive digital art exhibition website. Focused on **performance optimization** for rich media content and ensuring **cross-browser compatibility** using **Next.js**.

### Awards & Recognition:

- **Reconocimiento Clemente Manuel Zabala del Premio Gabo 2020** for CeroSetenta ([cerosetenta.unian-des.edu.co](https://cerosetenta.unian-des.edu.co))
- **Premio Lápiz de Acero al Mejor Sitio Web - 2015** for CeroSetenta ([Link](#))
- **Brutalist Websites Mention of Honor** for [montenegrojaramillo.info](https://montenegrojaramillo.info)

### Additional Portfolio:

- Social Journalism: [sentiido.com](https://sentiido.com), [volcanicas.com](https://volcanicas.com), [consonante.org](https://consonante.org), [journalistsprotection.org](https://journalistsprotection.org)
- Digital/Interactive Art: [promesaspromesas.com](https://promesaspromesas.com), [ruidosaruidosa.com](https://ruidosaruidosa.com), [museolatertulia.com](https://museolatertulia.com)
- More at [8manos.com/trabajo](https://8manos.com/trabajo) and [lagentedelcomun.info](https://lagentedelcomun.info)