Anabelle Handdoek
Senior Software Architect

👤 About Me

Senior Software Architect and **Full Stack Engineer** with 15+ years of experience building accessible (**WCAG/ARIA, ADA**), 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 [∞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

Experience Technology Architect at Razorfish

📅 *Oct 2023—Present*

Experience Technology Architect (Jul 2025 - Present):

Creating omni-channel engagement by delivering uniquely personalized and unforgettable experiences that connect and enrich people's lives.

Senior Experience Technology Engineer (Oct 2023 - Jul 2025):

Lead the front-end engineering team for the re-design of a major brand's website in the healthcare sector that serves more than 120 Million users. Adhering with strict performance, privacy and accessibility requirements.

Experience Technology Architect at Publicis Groupe

📅 *Jun 2022—Present*

Experience Technology Architect (Jul 2025 - Present):

Architecting Tomorrow's Experiences through Innovation, Accessibility, and Technical Excellence.

Senior Experience Technology Engineer (Oct 2023 - Jul 2025):

Developed world class user interfaces for global brands, ensuring AA accessibility, legal, and security compliance, integrated front-end and back-end systems, implemented performance optimization techniques, collaborated with designers and product managers to create user-centered products, mentored junior engineers, and led innovation in the PGD OnChain community.

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

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)

JavaScript: TDD y pruebas unitarias avanzado

🏛 *Udemy*

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)

    - 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 governm PautaVisible. Recognized for promoting transparency.

- **45 Salón Nacional de Artistas Digital Exhibition:** ([45sna.com](45sna.com))

    - Developed Colombia's first interactive digital art exhibition website. Focused on **performance optim** 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.uniandes.edu.co)
- **Premio Lápiz de Acero al Mejor Sitio Web - 2015** for Cerosetenta (Link)
- **Brutalist Websites Mention of Honor** for montenegrojaramillo.info

Additional Portfolio:

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