

MARÍA ALEXANDRA GALARZA GALLARDO

Software full stack developer | UX Designer

ABOUT ME

Full-stack developer with an interest in software architecture and green software. Ten years of experience in architecture have strengthened my attention to detail and analytical thinking. Although my professional background has been primarily focused on teaching, I actively develop projects where I apply best practices such as SOLID, DRY, and testing. I am familiar with TDD, although I do not use it in all of my projects, and I particularly value writing code that is clear, readable, and maintainable. I am also committed to building accessible websites that provide a great user experience. Additionally, I have introductory knowledge of artificial intelligence and use AI tools to support development and problem-solving, with a practical, productivity-oriented approach. I am eager to continue learning and to contribute my knowledge to new challenges.

EDUCATION

- Application Development with web Technologies Professional Certificate, Servei d'Ocupació de Catalunya
- Qualification for teaching in grades A, B and C of the professional training system, Servei d'Ocupació de Catalunya
- User Experience Design (UX), Google (240 hours)
- Front-end web development, specialized in React.js, IT Academy - Barcelona Activa (352 hours)
- Full-stack web development, Factoría F5 (850 hours)
- Front-end web development, Factoría F5 (300 hours)
- Master in Intervention and environmental management: people and society, Universidad de Barcelona (75 ECTS)
- Master in Sustainable intervention in the built environment, Universidad Politécnica de Cataluña (60 ECTS)
- Architecture degree, Universidad Católica del Ecuador

WORK EXPERIENCE

- Technical leader of the FemCoders program in full-stack web development, Asociación Factoría F5 (october 2022 - present)
I design and deliver a full-stack web development training program, using agile methodologies and active pedagogy that enable women to gain skills in key industry technologies. I foster motivation by developing practical exercises and projects focused on real-world workplace challenges, which help increase bootcamp completion rates and job placement. I also represent the program as a speaker at conferences and workshops, enhancing its visibility and building strategic partnerships.
- Technical assistant for several full-stack web development bootcamps, Asociación Factoría F5 (may 2022 to october 2022)
I supported the training process of web development bootcamps by applying development best practices. I reinforced key transferable skills for employment, continuous learning, and entrepreneurship for people in vulnerable situations.
- Web developer and UI designer, Estela Julia website (november 2024)
In collaboration with the Product Owner and the AWS Architect, I designed and developed the website for the artist Estela Julia. In addition to showcasing her information, the site includes a custom admin dashboard that enables autonomous management of her videos and events.
- Web developer and UI designer, Red PHI-Ecuador (2023 to 2025)
I designed, developed, and deployed the website for Red PHI Ecuador, working closely with the client to ensure a functional and visually appealing site. Until October 2025, I maintained the website using CI/CD to enable automation in continuous delivery.
- UI designer, Tikibike (may 2021)
I collaborated on the user interface design for the website of a French cycling travel company, significantly improving the presentation of its services compared to the previous version and providing a clearer, more engaging user experience.
- Web developer, Lego Arquitectura (january 2021)
I developed the website for an architecture firm using WordPress and Elementor, achieving a visual interface aligned with the brand identity and making content management easier for the client.

OTHER PROFESSIONAL EXPERIENCE (ARCHITECTURE & PROJECT MANAGEMENT)

Between 2008 and 2020, I worked on projects in architecture, technology, and management, strengthening both my soft and technical skills. I collaborated with multidisciplinary teams, promoting clear communication, and worked directly with IT departments on several projects, such as the development of geoportals and integrated systems based on geographic information systems, improving communication across different areas. I led a cadastral department, optimizing processes and data quality. I also coordinated with contractors on large-scale infrastructure projects, such as Quito Airport, ensuring deadlines and regulatory compliance. My entrepreneurial experience taught me adaptability, client focus, and brand development, while teaching and giving conferences enhanced my ability to share knowledge and motivate others.

LANGUAGES

Spanish native, English C1, Catalan B1.

PROJECTS

Most of my projects are available on GitHub, including educational, personal, and professional work. I enjoy developing and usually apply MVC architecture, client-server style, RESTful APIs, and component-based frontend architecture, although I am open to exploring other architectures. You can view a selection of my work in my portfolio: <https://malexgg.github.io/portfolio>