

MARÍA ALEXANDRA GALARZA GALLARDO

Full Stack Developer | UX Designer | Architect



ABOUT ME

Creative and initiative full-stack web developer, and UX Designer having worked as an Architect for more than 10 years, has allowed me to develop skills in the field of design and user experience.

I'm passionate about programming, technology and design, I have worked on front-end and back-end development projects using agile methodologies, GIT and best practices.

I'm a responsible and organized person, I adapt easily to changes and always maintain a positive attitude. I like team work, I have analytical skills in project management and I pay attention to details.

LANGUAGES

Spanish: Native
English: Proficient
Catalan: Intermediate
French: Basic

TECH STACK

HTML5, CSS3, Javascript, React.js, Next.js, Vue.js, PHP, Laravel, Java, Spring Boot, Python, MySQL, PostgreSQL.

TOOLS

Figma, Adobe Illustrator, Adobe Photoshop, Trello, Visual Studio Code, Git + Github, Bootstrap, Tailwindcss, Sass, Styled Components, Jest, React Testing Library, Vitest, PHPUnit, JUnit, Axios, Json-server, Composer, Puppeteer, SonicPi, Qgis, Docker, Website carbon calculator, Digital beacon, Page speed, Globemallow.

CONTACT ME

+34 675 49 79 44

alexandragalarzag@gmail.com

www.linkedin.com/in/magalarza

<https://github.com/MAlexGG>

<https://malexgg.github.io/portfolio/>

EDUCATION

User Experience Design (UX) professional certificate, (240-hour) | jul. - sep. 2022
Google - Coursera

Front-end web development, specialized in React.js (352-hour) | jan. - may. 2022
IT Academy - Barcelona Activa

HTML5, CSS3, Bootstrap, Styled Components, Javascript advanced and Typescript, errors and debugging, APIs, GIT and github. React, unit tests y test-driven development methodologies, Redux. Transversal skills module, where various soft skills are worked on.

Full Stack web development (850-hour) | apr. 2021 - sep. 2021
Factoría F5 - Barcelona School

Front-end development: UX/UI wireframe, mocking and prototyping interfaces, HTML5 and CSS3 advanced, atomic design, accessibility, Sass, Bootstrap, Tailwind, Javascript, Vue.js, Vuex, React.js, Axios.
Back-end development: OOP, Xampp, PHP, Laravel, MySQL, Postgresql, APIs, Katas, Node.js, Jest, PHPUnit, Firebase, Heroku, clean code, MVC, hexagonal architecture.
Best practices and agile metodologies: TDD, SOLID, DRY, KISS, Kanban, Scrum.
Version control system: GIT, Github, best practices in commits and branches.

Front End web development and agile metodologies (300-hour) | oct. - dec. 2020
Factoría F5 - Barcelona School

Agile Metodologies (Scrum and Kanban), interface development and user experience (UX/UI), HTML5, CSS3, Javascript, responsive design, mobile first, best practices, Github.

Master in Intervention and environmental management: people and society (75 ECTS) | 2017 - 2021
Universidad de Barcelona

Master in Sustainable intervention in the built environment (60 ECTS) | 2016- 2017
Universidad Politécnica de Cataluña

Architecture degree (6000-hour) | 2001- 2009
Universidad Católica del Ecuador

CERTIFICATIONS

- The Complete Spring Boot Development Bootcamp | 18h. Learn the Part Inc.
- The Complete Java Development Bootcamp | 31,5h. Learn the Part Inc.
- Introduction to Python | oct. - nov. 2023, 50h. Eureka
- Green Software for Practitioners | may. 2023, Linux Foundation
- Green Digital Skills | may. 2023, Inco Academy
- React.js essential | sep. 2021, LinkedIn Learning
- UI advanced | sep. 2021, LinkedIn Learning
- UX advanced | sep. 2021, LinkedIn Learning
- Vue.js essential | aug. 2021, LinkedIn Learning
- SEO - SEM | oct. 2021, Cyberclick
- Conservation Project Planning | apr. 2020, National Geographic Society
- Introduction to Conservation | apr. 2020, National Geographic Society
- Aproximation to the wood construction | jun. 2019, Centre tecnològic forestal de Catalunya
- QGis - Geographic information system | jun. 2015, Mapping GIS
- Project Management | mar. 2015, Cámara de la Industria de la construcción
- Human relations oriented to give good service to the user | jul. 2012, MRL-Ecuador
- Cadastre for executives | jun. 2010, Instituto Agustín Codazzi
- Artistic painting, charcoal, watercolor, pastel and oil | 2003 - 2008, Tito Heredia
- Digital Photography | jan. 2006, Todoarquitectura.com

VOLUNTEERS

- FemCoders Club | may. 2024
Participation in the presentation 'Green Software', Barcelona
- FemCoders Club in collaboration with Canòdrom | nov. 2023
Participation in the live music and code event with the SonicPi tool, Barcelona
- Thoughtworks | oct. 2023
Participation in the podcast 'Gender equality in technology', Barcelona
- TopLap | sep. 2023
Participation in the Jam Session with code 'from Scratch' with the SonicPi tool, Barcelona
- Factoría F5 | oct. 2021 - actually
Collaboration for the pedagogic accompaniment for the promotions of front-end and fullstack in Barcelona
- Arquitectura sin fronteras España | oct. 2020
Collaboration in the round table topic: Human Scale in the city, Barcelona
- La Pedrera Foundation | oct. 2018 - mar. 2019
School Accompaniment Program for children from 6 to 12 years old, Badalona
- Un Techo para Ecuador | jul. 2006
Roof construction program for indigenous communities, Riobamba

WORK EXPERIENCE

- Factoría F5, Barcelona school | may. 2022 - present

Full stack web development Trainer | oct. 2022 - present

Design and support of the training process for bootcamps in full stack web development - FemCoders supported by Google.org, following agile methodologies and active pedagogy endorsed by Simplon, developing with good practices. Participation as a speaker in conferences and workshops.

HTML5, CSS3, Javascript, React.js, PHP, Laravel, Java, Spring Boot, Scrum, Kanban, TDD, Tests, Katas.
- Full stack web development Co-trainer | may. 2022 - oct. 2022

Support for the training process for full stack web development bootcamps, applying agile methodologies, clean code and best practices.

HTML5, CSS3, Javascript, React.js, PHP, Laravel, Scrum, Kanban, TDD, Unit Tests, Katas. Strengthen transversal skills aimed at job placement, additional training or entrepreneurship for groups in vulnerable situations.
- PHI-Ecuador | sep. 2023

UX/UI designer and web developer

Web design and development for the Interuniversity Colloquium on Geomaterials and Architectural Heritage in Ecuador.
- Tikibike | may. 2021

UX/UI designer

Website for a company that offers bike routes in France designed in Figma.
- Enfiladissa Macramé | feb. 2021

Front-end web developer

Website catalogue of macrame products developed in HTML5, CSS3, Sass, Javascript vanilla, responsive.
- Lego Arquitectura | jan. 2021

Wordpress web developer

Website for an architecture company developed with wordpress using elementor.
- Área Metropolitana de Barcelona | apr. 2017 - jul. 2020

Architect

Collaboration with the IT department for the conceptual development of the geoportal of the department of Infrastructures. Maintenance of the GIS of transport actions. Updating of the document "Aproximació de les Infraestructures Metropolitanes". Drafting of the Manual of Styles for the Rondas de Barcelona. Generation of maps referring to traffic and tunnels. Collaboration in the drafting of urban landscape projects, 3d, photo montages, assistance in construction management and graphic design.
- Novatam C.E.M. | mar 2015. - sep. 2016

Cadastral Project Manager and UX/UI designer

Conceptualización del Sistema Integral de Gestión Municipal "e-GAD" para la automatización de municipalidades del Ecuador, diseño de la imagen corporativa y diseñadora UX/UI.
- Miski Chocolates | feb. 2012 - may 2016

Joomla web developer and content manager and co-founder

Website of a shop that sold personalized chocolates, developed in joomla (currently out of production).
- Banco del Estado del Ecuador | aug. 2015

Technical trainer (20-hour)

Professional services to carry out the event called "Multi-purpose Cadastre, tool for Municipal development.
- Estudio A0 - Jaskran Kalirai Architect | aug. 2013 - sep. 2014

Architect

Architectural design Pichincha Bank Agencies, Páez - Gandara Residence, Corma Offices.
- Empresa Pública Metropolitana de Servicios aeroportuarios, gestión de zona franca | jun. 2012 - jul. 2013

Architect

Supervision of the construction of the New Quito Airport contracted to the Luis Berger-Tahal company.
- Dirección Metropolitana de Catastros | apr. - may. 2012

Architect

Supervision and quality control of the cadastral information survey carried out by Tecsalt company.
- Municipio Metropolitano de Quito, Administración Zonal Eugenio Espejo | apr. 2010 - jan. 2012

Appraisals and cadastres Team Leader

Direction and management of the decentralized department of appraisals and cadastres, a team made up of twelve people.
- Patricio Endara Baca Architects | nov. 2008 - mar. 2010

Architect

Architectural design of different residential and service projects.

AWARDS

- Barcelona City Council - 8M Maria Aurèlia Capmany award | 2024

Delivered to Factoría F5 by the FemCoders program, theme 'Let's break the glass ceiling' for promoting the leadership and empowerment of women, Barcelona.
- La Confederació | 2023

Delivered to Factoría F5 by the FemCoders program, in the social transformation category, new products and services modality, Barcelona.
- STEM Women Congres | 2023

Finalist for the STEM women teacher award, which rewards teachers who inspire and transmit STEM with passion, creating vocations, Barcelona.