

# 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

## CONTACT ME

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[www.linkedin.com/in/magalarza](https://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 methodologies: TDD, SOLID, DRY, KISS, Kanban, Scrum.  
Version control system: GIT, Github, best practices in commits and branches.

Front End web development and agile methodologies (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

- 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

## PARTICIPATION IN COMPETITIONS

- Hackaton Factoría F5 and Asperger Asociacion Asturias | mar. 2021
- Open Source House Competition | may. 2010
- Lake Park, Municipio Metropolitano de Quito | oct. 2008

## VOLUNTEERS

- Factoría F5 | oct. 2021 - actually  
Collaboration for the pedagogic accompaniment for the promotions of front-end and fullstack in Barcelona
- Architects Without Frontiers | oct. 2020  
Collaboration in the round table topic: Human Scale in the city in Barcelona
- Catalunya - La Pedrera Foundation | oct. 2018 - mar. 2019  
School Accompaniment Program for children from 6 to 12 years old in Badalona
- Un Techo para Ecuador | jul. 2006  
Roof construction program for indigenous communities in Riobamba

## TECHNOLOGY STACK AND TOOLS



## WORK EXPERIENCE IN WEB DEVELOPMENT AND UX DESIGN

- Factoría F5, Barcelona school | may. 2022 - present
  - Full stack web development Trainer | oct. 2022 - present
    - Design and support for the training process for full stack web development bootcamps - FemCoders support by Google, applying agile methodologies endorsed by Simplan and development best practices.
    - HTML5, CSS3, Javascript, React.js, PHP, Laravel, Scrum, Kanban, TDD, Tests Unitarios, 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, Java, SpringBoot, Scrum, Kanban, TDD, Unit Tests, Katas. Strengthen transversal skills aimed at job placement, additional training or entrepreneurship for groups in vulnerable situations.
- 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. - dec. 2017
  - UX/UI designer
    - Collaboration with the IT department for the conceptual development of the geoportal of the department of Infrastructures.
- Novatam C.E.M. | mar 2015. - sep. 2016
  - UX/UI designer
    - User interface and user experience of the municipal management system "e-GAD" based on a geographic information system.
- Miski Chocolates | feb. 2012
  - Joomla web developer and content manager
    - Website of a shop that sold personalized chocolates, developed in joomla (currently out of production).

## WORK EXPERIENCE IN ARCHITECTURE AND DESIGN

- Área Metropolitana de Barcelona | apr. 2017 - jul. 2020
  - Architect
    - 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.
- Novascotia S.A. / Novatam - C.E.M. | mar. 2015 - sep. 2016
  - Cadastral Project Manager
    - Conceptualization and development of the Municipal Management System "e-GAD" for the automation of municipalities in Ecuador, design of the corporate image of the public-private company NOVATAM-C.E.M.
- Miski Chocolates | feb. 2012 - may. 2016
  - Graphic designer
    - Design of custom labels for chocolates using Adobe Illustrator.
- 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 / Ar. Jaskran Kalirai | aug. 2013 - sep. 2014
  - Layout designer | jun. 2016
    - Diagramming of urban - architectural sheets for the mass plan of the Huntley - Chicago project: three proposals "Factory Village", "Modern Main Street" and "Urban to suburban".
  - Architect | aug. 2013 - sep. 2014
    - 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.
- Arq. Patricio Endara Baca | nov. 2008 - mar. 2010
  - Architect
    - Architectural design of different residential and service projects.

### REFERENCES

Arq. José Alonso, Área Metropolitana de Barcelona, [jalonso@amb.cat](mailto:jalonso@amb.cat)  
President Noelia Torres, Factoría F5, [noelia.torres@factoriaf5.org](mailto:noelia.torres@factoriaf5.org)  
Fullstack developer Manuela Grajales, NTTData, [grajalesduquemanuela@gmail.com](mailto:grajalesduquemanuela@gmail.com)