



PROFILE

I am an engineer passionate about web programming and constantly learning new technologies and tools.

KEY SKILLS

React.js, Node.js, Carbon Design, Material-UI, Bootstrap, Tailwind, GIT/GITHUB, CSS-SASS, Firebase Firestore, HTML5, REST API's. R.

LANGUAGES

Spanish: Native speaker

German: C1-
BelinoSchule (2020)

English: B2 - IELTS: 6.0
(2017)

Portuguese: C1 - CELPE-
BRAS- Upper
Intermediate (2013)

CONTACT

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<https://www.linkedin.com/in/nataliagarciasas/>



<https://twitter.com/natagr>

<https://www.researchgate.net/profile/Natalia-Garcia-18>



NATALIA GARCIA JUNIOR WEB SOFTWARE DEVELOPER

Website: <https://garcia-dev.es/>
Github: <https://github.com/natagr23>

WORK EXPERIENCE

UNPAID EXPERIENCE: WEB DEVELOPMENT-React web developer
09.2021-present

Featured Projects:

Agro-App <https://agro-app.garcia-dev.es/>
https://github.com/natagr23/Agro_App

CRUD web app with Authentication

- Uses Google Firebase for database storage
- Allows users to add, edit and delete agricultural products and show them in GoogleMaps. It has a Search bar to filter products
- Built with React, Node.JS, MUI, Firebase Firestore, GoogleMaps, Hooks, useContext

Photo Catalogue <https://photoscolombia.garcia-dev.es/>
<https://github.com/natagr23/old-photos>

Web app retrieving old photos from Colombia from the Dresden digital photo catalog

- Allows users to view old photos of at least eight cities in Colombia. Users can zoom in and out and download photos. Built with React, MUI, Hooks useContext

Weather Charts <https://ideam-statistics.garcia-dev.es/>
<https://github.com/natagr23/weather-statistics>

Web App displaying graphs with data from the Colombia Institute of Hydrology

- Users can see the exact daily river levels by hovering over the graph.
- It makes requests to retrieve climatic data of weather stations. Built with React, MUI, useContext. Creation of graphs using D3.js

RHEINPLAN Ingenieurgesellschaft - Environmental Engineer
01.2021-06.2021

Preparation of explanatory reports on irrigation pipelines. Drawing of general plans, site plans, longitudinal sections with BricsCAD.

INALCON, CMM Environmental Engineer
01.2012 - 06.2017

Evaluation and Design of water structures, waste and stormwater pipelines using SewerGEMS and EPA SWMM, Autocad, ArcGis and Microsoft. Conducting field visits and interviews on sanitation in rural areas of Colombia.

EDUCATION

IBM Carbon Design System Developer Essentials - React
07.2022

**Front-end Development-(React/Redux/TS/JS)
(Udemy)**
09.2021 - Present
Non-formal education program with practical challenges in developing web apps

Technische Universität Dresden - Master of Science in Hydrosience and Engineering
10.2017 - 10.2019
Thesis: Evaluation of rainfall runoff modelling using BROOK90 in R in a case study of a catchment area in Colombia

Universidad Distrital Francisco José de Caldas - Bachelor of Science in Environmental Engineering
08.2006- 04.2013