

Nil Garcés de Marcilla

Address: Av. Riera de Cassoles 30, 08012 (Bcn)

Mobile: (+34) 649 37 26 89

Email: xetaxe@gmail.com

Personal website: nilgarces.dev

LinkedIn: linkedin.com/nilgarces

Always interested in dynamic and challenging full stack web development positions. Well versed in TypeScript, React, Next.js, Node.js and both SQL and no-SQL databases.

Persistent problem-solver and fast learner with a strong analytical background. Proven experience in software consulting and project management.

ACADEMIC TRAINING

2019 – 2020 **M.Sc. "Math. et applications"**

THESIS AREA: TOPOLOGICAL DATA ANALYSIS (NEW CLUSTERING METHODS)

Université de Nantes (France)

2018 – 2019 **M.Sc. in Secondary Teaching**

SPEC: MATHEMATICS

Common UB-UAB-UPC-UPF-UOC

2014 – 2018 **B.Sc. Mathematics**

SPEC: PURE MATHEMATICS (G: 8.3)

University of Barcelona (UB)

LANGUAGES

CATALAN Native (*Certificat C2*)

SPANISH Native

ENGLISH Excellent (*CAE: Grade A, C2*)

FRENCH Excellent

COMPUTER SKILLS

- *Core*: HTML, CSS, JavaScript, TypeScript, Git
- *Frontend*: React, Next.js, Tailwind, Sass, Figma
- *Backend*: Node.js, Express, C#+ASP.NET
- *DB*: SQL, PostgreSQL, SQLite, MongoDB+Atlas
- *Testing*: Jest, React Testing Library, Playwright
- *DevOps*: Docker, Azure DevOps, Kubernetes
- *Other lang*: C#, Golang, Python

OTHER ACTIVITIES

- Three-times participant in HackUPC: finalist x2 and one winner prize.
- Since 2016, I work on my own musical solo project, in which I compose, play and record pieces for classical guitar (Spotify: Nil Garcés)

EXPERIENCE

JANUARY 2024 – CURRENTLY

SCRM Lidl International Hub, Barcelona

Full stack engineer

- Engineered the new Lidl Recipes platform, migrating from the old PHP+Symfony platform to Next.js (public part) + React SPA (content editor).
 - Contributed to the development of the new .NET APIs following the migration from Golang.
- Skills*: API testing, MongoDB Atlas proficiency, containerization and orchestration knowledge.

OCTOBER 2021 – DECEMBER 2023

SDP Spain, Valldoreix (Barcelona)

Software consultant

- Contributed to the development of ERA (notably its web version), a custom software tool to help companies manage their Time & Attendance.
- Skills*: coordination between the consulting and programming teams, feature testing, getting customer feedback, setting development priorities.
- Led several new ERA implementation projects, on both the technical and consulting aspects, and assisted in many existing ones.

JANUARY 2021 – JUNE 2021

SDG Group, Barcelona

Data analyst

- Maintained and improved a big data ETL project (with Glik/SQL) where weekly data reports and forecasts were generated based on previous sales data.
- Participated in a data analysis and visualization with PowerBI to track product performance.

MARCH 2020 – JULY 2020

Université de Nantes, Nantes

Math internship

- Learned the most important Data Science/Machine Learning concepts and practiced with their main Python libraries (Scikit-learn, Matplotlib, NumPy, SciPy, Pandas).
- Contributed to the development and documentation of a new clustering algorithm (ToMATo algorithm) for the open-source GUDHI library.

SEPTEMBER 2018 – MAY 2019

Joan Pelegrí High School, Barcelona

Math teacher

- Taught at 1st Batx (16-17y) & 3rd ESO (14-15y).

JULY 2018 – SEPTEMBER 2018

VGG Aplicaciones, Barcelona

Software engineer

- Headed a fixed-term project where we studied the viability of using drones in warehouses to do several tasks autonomously. It involved experimenting with various drone SDKs in Java.