



Personal info

Born in Terrassa
(Barcelona) on 03.02.1994



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Terrassa (Barcelona)

Languages

Catalan ● ● ● ● ●
Spanish ● ● ● ● ●
English ● ● ● ● ○
German ● ● ● ○ ○

Programming Languages

GO Typescript
PHP Javascript
HTML CSS
SQL Python

Frameworks

Laravel Vue3

Other tools

Git Linux
Docker Figma
Latex Excel

Soft Skills

- Logical mindset
- Hard working
- Empathic
- Open minded

Interests

- Software development
- Science
- Language learning
- Hiking
- Music



Bernat Ferrer

Summary

Software engineer with an interest for every aspect of software development . Backend experience using architectural patterns like DDD and TDD . Frontend experience using Vue. Currently learning GO .

Professional experience

Software Engineer at Estimtrack, Barcelona. May 2022 - Now

At [Estimtrack](#) I am responsible for the entire development of a Software that assists the workflow of employees in Hospitals . Here I designed the back-end architecture using the domain model and the hexagonal pattern . Also, I implemented a notification system using the Web-socket protocol.

Software Engineer at Meetaitech, Barcelona. April 2021 - May 2022

At [Meetaitech](#) I took part in all aspects of the software creation . There, I developed a backend algorithm that synchronizes the user data produced from calendar apps like Outlook or Google calendar. I also optimized api calls by improving database queries, implemented fronted UI designs and maintained the product overall.

Backend developer at Bekodo, Barcelona. March 2021 - Apr 2021

At [Bekodo](#) , I developed a software that loaded data from products located in spreadsheets to an e-commerce .

Data analyst at M-net, Munich. Sept 2018 - Oct 2019

Analysis of revenue data using Tableau and Excel in order to optimize benefits and reduce loses.

Physics Researcher at the USM , Munich. 2018 - 2019

Development of an interface for the visualization of data coming from astrophysical simulations of protoplanetary disks using python. Name of the master thesis: *Constraints in gap opening timescales in the HD 623296 protoplanetary disk.*

Education

Software Development Master Assembler institute of technology, Barcelona. 2020-2021

- Development of full-stack projects like a social network ([repo link](#)) or a calendar ([repo link](#))

Astrophysics Master Ludwig Maximilians University, Munich (LMU). 2017-2019

- Improved my problem solving skills. Learned python .

Physics Degree Universitat Autònoma de Barcelona (UAB). 2012-2017

- Gained skills in Maths and Physics. First coding experience by solving problems with C .

Additionally

Development of an [app](#) for language learning using Kotlin and the MVVM pattern. Published on google play .

Design and development of a product stock manager for [Celler de l'era](#) .

A six month internship at the European southern observatory (ESO), Munich. April -Sept 2018 .

Private maths teacher for high-school students, Terrassa. 2012-2016 .

Volunteer in a homeless shelter in the city of Pittsburgh, USA. Summer 2013 .