



# Senén Melquiades PALANCA BARRIO

Full-Stack developer

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LinkedIn

GitHub

I consider myself a proactive, intelligent, and curious person. I love to give the best of myself and learn in every situation. Since I was little I have been attracted to technologies, which has made me learn programming by my own and later study the career of Computer Engineering. I really value good relationships, and I consider myself with great capability to learn things other than computer science. Also I made some exchange trips because of improve my english level. Finally, among other hobbies I like to play the piano and do yoga and also I have my own car and I am an independent person.

## OUTSTANDING TECHNICAL SKILLS

- Great hability with Flutter and Firebase
- Experience on .NET in the latest versions (Core 3 and UWP)
- Skills on distributed systems
- Extended knowledge on Networks and Services (TCP/IP, REST, etc.)
- Experience in Dynamics NAV and Dynamics 365
- Knowledge in Computer Security
- Experiencie in Visual Basic 6
- Knowledge in Graphic Applications (Photoshop, Blender)

**Programming Languages:** Flutter (Dart), Java, C#, SAPUI5, ABAP, PL/SQL, Python, Visual Basic 6 and Dynamics NAV

**Learned Technologies:** Django REST Framework, SAP, MVC, oData services with Apache oLingo, Spring Boot, Hibernate, Firebase, HTML

## APTITUDES AND IDIOMS

- Knack for teamwork
- Great responsibility and commitment
- Efficient at work
- Great hability to analyze and solve problems
- Adaptability to circumstances
- Creativity in the search of solutions
- Great communication hability

Spanish

English

Catalan

## EDUCATION

2013 - 2015  
Oliva (Valencia), España

**TECHNOLOGICAL BACHELOR**  
*IES Gabriel Ciscar*

2015 - 2019  
Valencia, España

**DEGREE IN INGENIERÍA INFORMÁTICA**  
*Universidad Politécnica de Valencia*

2019 - 2020  
Valencia, España

**MASTER IN INGENIERÍA INFORMÁTICA (MUIINF)**  
*Universidad Politécnica de Valencia*

## EXPERIENCIA PROFESIONAL

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Jan. 2019 – Jul. 2019  
Valencia, España

### ACTIVE BUSINESS & TECHNOLOGY

Curricular practice

- Learn Dynamics NAV.
- Implement some functional developments in Dynamics NAV for clients
- Perform analysis and filtering tasks of large amounts of data

Aug. 2019 – Aug. 2020  
Valencia, España

### UNIVERSIDAD POLITÉCNICA DE VALENCIA

Research technician

- Creation of an educational project based on an Android App that act as a control panel of a garden
- Development of a research article on IoT in machines of limited capacity
- Creation of a backend DB (Firebase).
- Deployment of a Lora sensor network used to pick up the data from the garden
- Official link: <https://github.com/senenpalanca/esgarden>

Sept. 2020– Sept. 2021  
Valencia, España

### SEIS INFORMÁTICA

Computer technician

- Full-stack deployment of OData projects with SAPUI5 frontend.
- Participation in the development of payroll management project in PL/SQL.
- Implementation and maintenance of a project related to quality process for the food industry.
- Development of forms and reports for the food industry.
- Maintenance of developments for evaluation and management of suppliers.

Febr. 2022– Actualidad  
Barcelona, España

### TRIALING

Full-Stack developer

- Full-stack deployment (Django REST Framework + Flutter).
- Backend development using Python and Django.
- Multiple developments on the mobile application.
- Maintenance and improvement of existing functionalities.
- Apply agile methodologies (SCRUM)
- Experience with CI/CD

## PERSONAL PROJECTS

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- NEXBOL

I am currently working in the development of a Startup focused on content creators (Youtubers, video creators, etc.) and I am the responsible of the development of the associated mobile application. The application allows, among other functionalities, many users to connect and communicate with each other.

- **HRV ENDURANCE**

I work together with another person to carry out a heart rate variability measurement system on the mobile. I am the responsible of the application and research related to the measurement and calculation of health variables. More information can be found at the following link: <https://hrvendurance.com/>

## **PUBLICATIONS**

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- **SERVICE DISCOVERY SOLUTION FOR EDGE SYSTEMS (2021)**

I have collaborated in the creation of an article focused on offering a valid solution for the discovery of IoT services in devices with limited capacities. It can be accessed from the following link: <https://www.mdpi.com/1424-8220/21/2/672>