

# Mariana Sousa

IT Consultant | Industrial Engineering and Management



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## About me

I'm Mariana, Portuguese IT Consultant | Industrial Engineering and Management. I had opportunity to gain some experience in application development, as well as, process design and planning. I'm particularly interested in project management, programming, and people management topics. The ideal next step in my career is to deepen my knowledge and experience in the area of project/people management so that in the future I combine the 3 topics that fascinate me the most and put them into practice in the best way, more efficiently and having a positive impact on people's lives. I greatly value being part of a multicultural/diverse and forward-thinking environment that encourages the continuous development of personal skills and knowledge.

## Work Experience



**SAP Technical Consultant**  
ACCENTURE

Set. 2022 - to Present

- Work at a international project.
- Identify scope, define requirements and create functional and technical specifications.
- Analyze, design, build, and test new components or enhancements to existing modules, including reporting and analysis capabilities.
- Performance analysis and tuning.
- Ensure applications are operating according to service commitments.
- Training new joiners in abap programming
- Preparation of presentations for meetings and their minutes.



**SAP IS-U:** 2.5 years of experience, during which I had contact with Invoicing, Billing, Migration and Replica areas.

**SAP HCM:** Merging three systems into one, consolidate and harmonize the on-premise systems.

**Keywords:** SAP ABAP, SAP IS-U; SAP HCM; ABAP-OO; Advanced Business Application Programming (ABAP); Eclipse, Agile; Microsoft Excel; International teams; Communication; Spanish; English; ALV grids; BAdIs; BAPIs; Enhancements; BPDM (IS-U); Exits; Mass Activity; Infotypes; Scale out.



**Operations and Process Design (Master's Thesis)**  
LIPOR

Mar. 2022 - Jul. 2022

The organization developed a product from recycled Polypropylene which won an international award from FAMAE. Lipor wanted to launch its first product on the market by establishing a B2B business model:

- Planning and design of processes related to the company's new product.
- Supply chain logistical planning, with MRP development.
- Define KPIs and develop monitoring tools.
- Define requirements, procedures and create protocols to ensure the quality of the components.
- Design and support the implementation of the layout of the warehouse and the workplace.

**Keywords:** MRP, BOM, KPIs, Kanban, Layout, Logistics, Lean, Quality Control, Process modeling, LaTeX, Excel, VBA.

## Awards



### 3rd place - World Data League 2023

WDL is an international non-profit competition that gathers the best minds in the Data Science field to develop long-lasting solutions for social impact challenges. Member of "CEOS" team, we finished the international competition in 3rd place among 29 teams. This was an incredible opportunity to learn from experts and connect with people from all over the world.

## Education



### Bachelor & Master in Industrial Engineering and Management

Set. 2017- Jul. 2022

Faculty of Engineering, University of Porto | Porto, PT

Final Grade: 16 /20 (B)



### ERASMUS+

Set. 2021 - Feb. 2022

Public University of Navarra | Pamplona, ES

Final Grade: 16 /20 (B)

## Skills

### Languages

Portuguese (fluent/native)  
English (intermediate)  
Spanish (intermediate)

### Relevant Software Skills

SAP ABAP, SQL, Python, HTML, CSS, Microsoft Excel, VBA Excel, LaTeX, Bizagi.

### Some Knowledge Of

JavaScript, SPSS, RStudio, Tableau, SolidWorks, AutoCAD, AnyLogic.

### Soft-Skills

Problem solver & Proactive  
Empathy  
Curiosity  
Adaptability  
Team communication/work

### Certificates

- Leadership - Skills Builder
- Six Sigma and the Organization (Advanced) - Coursera
- Deep learning for business - Coursera
- Navigating through changes and conflicts in Projects - PMI

## Hobbies

### Member



### Marketing Team Member

Sep. 2019 - Jul. 2020

AGE-i-FEUP / ESTIEM LG Porto

Industrial Engineering and Management Students Association in Porto that represents ESTIEM in Porto. The marketing department is responsible for promoting the association's image, as well as that of all its partners. Through social media, the department ensures that all AGE-i-FEUP initiatives and projects are publicized and covered.

### Volunteer staff



### Cyclones Sports

Cyclones Sports is a young and dynamic team, capable of facing any challenge in supporting and managing the organization of sporting events.

Every year I am part of the staff of one of the biggest athletics events in Viana, the Manuela Machado Half Marathon.



### LC Party Kids

LC Party Kids is essentially aimed at entertaining children at events such as birthdays, weddings and baptisms.

## Sports

Swimming (federated athlete) 2009 - 2014  
Athletics (federated athlete) 2013 - 2019  
Dance (Lindy hop) 2023 - Present

## Other interests

Music; Dance; Drawing; Poetry