

Rafael Polo

Software Engineer with 20 years of experience on diverse projects & teams



Personal

First name: Rafael
Middle name: Gomes de Oliveira
Last name: Polo
Age and birthday: 40 years old, 13 June 1985
Marital Status: Single, no children
Citizenship: Portuguese and Brazilian
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Formal Education

- **Postgraduate in Data Science for Finance** – 2021
NOVA Information Management School, Lisbon
- **Master in Information Systems** – 2010–2012
Research Area: Knowledge Representation and Reasoning, PPGI/UNIRIO
- **Bachelor in Computer Science** – 2003–2009 [[diploma](#)]
Thesis: Agile Systems Development for Web 2.0 with Ruby on Rails

Relevant Professional Experience

- **Swisscom** – 2024 ~1y – Zürich, Switzerland
DevOps Engineer developing platforms for Telecommunication Operations
- **EDGE Strategy** – 2023 ~1y – Zug, Switzerland
Senior Tech Lead managing projects and external UX & Dev Teams for a SaaS Company.
- **Moedax Digital Services** – 2019~2021 – Lisbon and Rio de Janeiro
Founder Crypto Banking – connected CBDC with KYC processes and fraud detection
- **Tactical Tech Collective** – 2014~2016 – Berlin, Germany
Senior Ruby on Rails Developer on a NGO under the Exposing the Invisible Team.
- **Trommsdorf + Drüner** – 2013~2014 – Berlin, Germany
Full-stack Engineer – Innovation Team developing Business Intelligence dashboards.
- **Cortex Intelligence** – 2007~2008 – Rio de Janeiro, Brazil
Developer in the Competitive Intelligence and Data Mining Team.
- **MeuServidor** – Co-founder – 2002~2003 - Nova Friburgo, Brazil
Co-founder of a Web Hosting Server Company in Brazil based on Linux & PHP.

ExtraPolo! – own Agency

For more than 10 years since 2008, Rafael Polo has worked as an independent Software Developer and IT Consultant, developing dozens of Projects for public and private contractors in Brazil, Germany, Greece and Switzerland - also publishing different open-source tools, bots, database mappings and visualizations.

Relevant Tech Skills

- Quick Proof-of-Concepts development, deploy and management.
- Large Language Models and Processes Automation
- System Analysis & Modeling with UML
- MVC System Architecture, Design Patterns & Object-Oriented Programming
- Data Engineering, Data Science, Relational Databases & SQL
- Distributing and Scaling Processes with Message Queues
- Developing Web Crawlers & Bots for Data Mining & ETL
- Linux Systems, VPS, DevOps, SSH & Deploy with Continuous Integration processes
- Projects mostly developed in Java, Python, Ruby, Pascal and Crystal-lang frameworks
- Full Stack Developer & Front-end Web Design with HTML, CSS and Javascript frameworks

Natural Languages

- Native Brazilian Portuguese
- Advanced Spoken Spanish - **wife**
- A2 level Greek – **3 years in Athens**
- A2 level German – **3 years in Berlin** and **2 in Zürich**
- Fluent English – **12 years in between international teams**

CV updated on 04 July 2025