Rafael Polo

Senior Software Engineer — Platform, Data & AI

Personal

First name:	Rafael
Last name:	Polo
Citizenship:	Portuguese (EU) · Brazilian — no work permit required
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FORMAL EDUCATION

- ***Postgraduate in Data Science for Finance* – 2021**
  NOVA IMS Information Management School, Lisbon
- ***Master in Information Systems* – 2010–2012**
  PPGI/UNIRIO — Knowledge Representation & Reasoning
- ***Bachelor in Computer Science* – 2004–2009**
  Metodista Bennett, Rio de Janeiro

RELEVANT PROFESSIONAL EXPERIENCE

- **Swisscom** – *2024–2025 – Zürich, Switzerland*
  ***DevOps Engineer** developing platforms for Telecommunication Operations.*
- **EDGE Empower®** – *2024–2025 – Baar, Switzerland*
  ***Senior Technical Lead** managing projects and external UX & Dev Teams for a SaaS Product.*
- **ExtraPolo — Independent Consulting** – *2010–2022 – Rio de Janeiro · Berlin · Athens · Lisbon*
  40+ projects across civic tech, data journalism, open-source platforms and interactive installations for public and private clients.
- **Moedax Digital Services** – *2018–2021 – Lisbon · Rio de Janeiro*
  ***Founder & CTO** – Fintech startup connecting CBDC digital currency with KYC compliance automation.*
- **GFOSS.eu / Code + Create** – *2017–2018 – Athens, Greece*
  ***Web Programming Teacher** – taught HTML, CSS, jQuery to refugee and local youth.*
- **Tactical Tech Collective** – *2014–2016 – Berlin, Germany*
  ***Full-Stack Web Architect** – investigative data tools under 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** – Competitive Intelligence and Data Mining R&D team.*

CERTIFICATIONS

- Swiss Federal Act on Data Protection (nFADP)
- Gen AI Foundational Models — NLP & LLMs
- AI Agents using RAG and LangChain

RELEVANT TECH SKILLS

- **Languages & Frameworks:** Python · Ruby on Rails · TypeScript · React · Java
- **DevOps & Infra:** Docker · Kubernetes · CI/CD · AWS · Linux · Git
- **Data & AI:** SQL · ETL · Data Engineering · RAG · LangChain · LLM integrations
- **Architecture:** REST APIs · MVC · OOP · UML · System Design · Web Crawling

NATURAL LANGUAGES

- Native Brazilian Portuguese
- Full professional English
- Full professional Spanish
- German B1 – TELC certified · 3 yrs Berlin + 3 yrs Basel

References available upon request · CV updated May 2026