Basel, 4055, Switzerland
rafael@extrapolo.com
linkedin.com/in/rafaelpolo
extrapolo.com
Portuguese (EU) · Brazilian — no work permit required

Rafael Polo

Senior Software Engineer — Platform, Data & AI

> 20+ years building production systems across Switzerland, Germany, Greece and Brazil. Specialised in platform engineering, data pipelines and AI/LLM integrations. Fluent English · German B1 TELC (3 yrs Berlin + 3 yrs Basel) · EU citizen, immediately available.

PROFESSIONAL EXPERIENCE

Swisscom
2024 – 2025

DevOps Engineer · Zürich, Switzerland

Modernization of mission-critical internal platforms & CI/CD pipelines for high-availability Telecom infrastructure.

EDGE Empower®
Mar 2023 – Mar 2024

Senior Technical Lead · Baar, Switzerland

Built a PayTool cutting processing time by 98%; reduced CI/CD pipeline from 14 → 4 minutes; managed 3 developers and a UX designer for a SaaS product.

ExtraPolo — Independent Consulting
2010 – 2022

Software Engineer & Consultant · 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

Founder & CTO · Lisbon · Rio de Janeiro

Fintech startup connecting CBDC digital currency with KYC compliance automation; built data pipelines and banking integrations in Python.

GFOSS.eu / Code + Create
2017 – 2018

Web Programming Teacher · Athens, Greece

Taught web programming (HTML, CSS, jQuery) to refugee and local youth through the EU-funded Code + Create initiative.

Tactical Tech Collective
Dec 2014 – Jun 2016

Full-Stack Web Architect · Berlin, Germany

Built investigative data tools and platforms under the Exposing the Invisible team (Ruby on Rails, data visualisation).

Trommsdorff + Drüner
Dec 2013 – Jan 2014

Full-Stack Engineer · Berlin, Germany

Innovation team — Business Intelligence dashboards for marketing consultancy clients.

Cortex Intelligence
2008 – 2010

Developer · Rio de Janeiro, Brazil

Competitive Intelligence and Data Mining R&D team.

EDUCATION

Postgraduate in Data Science for Finance
NOVA IMS Information Management School, Lisbon — 2021

Master in Information Systems
PPGI/UNIRIO — Knowledge Representation & Reasoning — 2010–2012

Bachelor in Computer Science
Metodista Bennett, Rio de Janeiro — 2004–2009

LANGUAGES

Portuguese — native

English — full professional

Spanish — full professional

German B1 — TELC certified · 3 yrs Berlin + 3 yrs Basel

CERTIFICATIONS

Swiss Federal Act on Data Protection (nFADP)

Gen AI Foundational Models — NLP & LLMs

AI Agents using RAG and LangChain

TECH SKILLS

Languages & Frameworks · Python · Ruby on Rails · TypeScript · React · Java

Data & AI · SQL · ETL · Data Engineering · RAG · LangChain · LLM integrations · Data Science

DevOps & Infra · Docker · Kubernetes · CI/CD · AWS · Linux · Git

Architecture · REST APIs · MVC · OOP · UML · System Design · Web Crawling & Scraping

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References available upon request · CV updated May 2026