RICARDO SILVEIRA

Software engineer · Porto, Portugal · github.com/RicardoSilveira23 · linkedin.com/in/ricardos23

WORK

2021 – now

ebankIT

Software Engineer, since January 2021

- Build full-stack features across a digital banking platform's web channels, from front end to database, mostly in .NET Core
- Moved features from the classic product to the new generation of the platform
- Build the product demos for prospective clients, including integrations with partner products
- Built the front end of the AI chatbot ebankIT showed at Finovate: the pop-up flow and the rendering of its answers
- Responsible for the development of the product's Canada layer, which adds what Canadian banks and credit unions require
- Write the skills and context documents our AI agents work from

2019 – 2020

HIRI

Back-End Engineer, November 2019 to October 2020

- Owned the back end of an app meant to use machine learning to help older people record their memories for their descendants; the app never shipped
- Moved that back end from a C# and ASP.NET monolith, built by an outsourcer, to modular Python and Django services
- Moved the database from SQL Server to PostgreSQL
- Designed and built the new APIs and services the app needed, test-first

2018 – 2019

Armis Group

Software Engineer, intern first, February 2018 to October 2019

- Built REST APIs and back ends with ASP.NET, PowerShell and Azure, for clients in Portugal and abroad
- Built new workflows for an oil company's SharePoint 2013 intranet, with Microsoft
- Built the services layer of an insurer's internal website
- Redesigned the API of a social network for doctors to serve its website and new mobile apps
- As an intern, helped move a European stock exchange's SharePoint solution from 2013 to 2016, and designed a new setup for its content databases, about a terabyte, that made the solution much faster
- As an intern, built a social network for doctors that follows the GDPR

EDUCATION

2015 – 2018

ISEP

B.S. in Software Engineering, Instituto Superior de Engenharia do Porto

- Built a semester-long project for a client, in Scrum with a sprint review every two weeks, on Node.js and .NET back ends with Angular, Android and iOS front ends
- Built a management application for a sports complex, in Java and Vaadin

2016 – 2017

Cisco Networking Academy

CCNA Routing and Switching

SKILLS

Languages	C#, TypeScript and JavaScript, Python, SQL
Back end	.NET Core and ASP.NET, Django, REST APIs
Front end	Razor views, Sass, JavaScript
Data	SQL Server, PostgreSQL
Cloud and delivery	Azure, Azure DevOps and its pipelines, Git, Scrum
AI	Claude Code and GitHub Copilot, with the skills and context documents that steer them

LANGUAGES

Portuguese	Native
English	Fluent