Pedro Piloto

Software Engineer

- 27/05/1996
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About me

Since I graduated, I have been working as a Full-Stack Software Engineer, but with a special focus on the back-end. I try to deepen my knowledge mainly in technologies like Node.Js, Python and ReactJS, but also with some experiences with Ruby, Java, Kotlin and Scala in a professional context. Besides that, I consider myself a quick learner and I like to try new technologies to address new challenges.

The thing I most like in Software Engineering is to solve problems, it's an amazing feeling to deliver something I'm proud of. Also, I'm not a believer of Software as a deliverable but, instead, I see it as an incremental product that must be maintained and monitored.

I'm interested in technological challenges with the potential to create a positive impact on society.

Education

2017-2020	MSc Degree in Software Engineering *Instituto Superior de Engenharia do Porto*	16v
2014-2017	BSc Degree in Computer Engineering *Instituto Superior de Engenharia do Porto*	15v

Experience

04/2023 — Senior Software Engineer — Tillster
Contribute to the development of a new platform to integrate all selling channels within the restaurant industry.
Tech stack: NodeJs, Typescript, AWS, Serverless, Lambda, DynamoDB

08/2021-04/2023 — Software Engineer — Plum Fintech
Part of a team responsible to develop and mantain the wealth product of the Plum app.
Tech stack: Python, Flask, Postgres, RabbitMQ, Docker, Looker

09/2018-08/2021 — Software Engineer — Talkdesk
Part of a full-stack team responsible for maintaining and evolve a system that allows the customization of the customer experience during a call. Participated in a lot of initiatives with different stacks and teams.
Tech stack: Kotlin, Java, Spring Boot, Ruby, NodeJS, OpenFaas, AWS Lambda, Scala, RabbitMQ, Kafka, Looker, Docker, ReactJS

09/2017-08/2018 — Junior Software Engineer — Glintt
Integration into a hospital software module development team.
Tech stack: .Net, Wcf, Html, Css, Js, Ts, Mulesoft, Oracle

03/2017-08/2017 — Software Engineer Trainee — FYI
Development of authentication system and shared authorization.
Tech Stack: PHP, Laravel, Node.Js, Redis, Html, Css, Js

07/2016-09/2016 — Software Engineer Trainee — Xarevision
Summer internship as a PHP and ionic developer. Development of communication system and price recognition on labels.
Tech Stack: PHP, Ionic, OCR, Rabbit MQ, Html, CSS, Js

Projects

07/2017 — Node.js Multi Room Chat
Multi Room Chat developed in Node.js and simultaneously was also developed a simple web client for purposes of testing and analysis of its use.
`https://github.com/pedropiloto/Node.js-Multi-Room-Chat`

06/2017 — Check Service
Web application to verify availability and reliability of TCP services, with the possibility of downloading files at the end of each availability test. The tests are fully customizable by parameters. This simple application was developed using PHP, Html, CSS e Js.
`https://github.com/pedropiloto/check-service`

02/2019 — Restaurant Microservices
Restaurant system developed using a microservices oriented architecture.
`https://github.com/pedropiloto/restaurant-microservices`

04/2019 — Cito - Transplant Center
The project was a system to manage a transplant center. This was developed as an academical project.
`https://bitbucket.org/ajo/labdsoft-2018-g7`

06/2019	**Rentability Simulator**
	Rentability Simulator developed using react, meant to be used for Portugal. It is still under development of new features.
	https://github.com/pedropiloto/rentability-simulator
06/2020	**Solid Server Microservices**
	Solid is a project created by Tim Berners-Lee that aims to create new decentralized web paradigm. This project was developed during the master thesis and the main objective was to migrate from a monolith to a microservices oriented architecture.
	https://github.com/pedropiloto/solid-server-microservices
10/2022	**Cardano open-source CNFT Sniper**
	CNFT Sniper is a tool developed to interact with one of the major NFT marketplaces from Cardano in order to find deals based on rules. This tool is also able to sign the transaction on behalf of configured wallets and, therefore, able to auto-buy the deals found.
	https://cnftsniper.com
10/2022	**Quotes Ticker**
	It started as a simple project of a ticker to display stocks prices, but now the codebase even supports NFT floor price. It's developed using an arduino based board and some Node.JS powered APIs. The product actually has some demand, so together with my brother we ship it within 3D printed boxes and started a micro home based business.
	https://moonflier.com/shop/crypto_investor_moonflier/crypto-coin-price-ticker

Certificates

08/2017	**Certified Scrum Master (CSM)**	Scrum Alliance
	Certification in Scrum Master obtained through the Scopphu training school and the Scrum Alliance organization.	
	https://goo.gl/fZvD1x	
04/2016	**Android Training**	ISEP
	30 hours Android training in curricular overtime and development of final project for evaluation.	
	https://goo.gl/CxmJDa	
07/2014	**Level B1 Certificate**	British Council
	Certification level B1 British Council.	
	https://goo.gl/bF7HV9	

Languages

Portuguese	Native
English	Intermediate