Pedro Piloto

Software Engineer

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About me

I have a degree in Computer Engineering from the Instituto Superior de Engenharia do Porto and I am finishing the master's degree in Software Engineering at the same institution in a post-work regime.

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 Java, Kotlin, Node.Js, and ReactJS, but also with some experiences with Ruby 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 incredible feeling when I 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 and my future ambitions are to enrich my knowledge and capacities for productive development of applications of considerable size and application.

Education

2017–2020	MSc Degree in Software Engineering *Instituto Superior de Engenharia do Porto*	
2014–2017	BSc Degree in Computer Engineering *Instituto Superior de Engenharia do Porto*	15v
2011–2014	High School *Colégio Novo da Maia*	16.7v

Experience

09/2018 — Full Stack 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.
Technologies: Kotlin, Java, Spring Boot, Ruby, NodeJS, OpenFaas, AWS Lambda, Scala, RabbitMQ, Kafka, Looker, Docker, ReactJS

09/2017-08/2018 — Full Stack Trainee — Glintt
Integration into a hospital software module development team.
Technologies: .Net, Wcf, Html, Css, Js, Ts, Mulesoft, Oracle

02/2016 — Freelancer Web e Mobile
Development of freelance projects.
Technologies: PHP, Node.js, Html, CSS, Js, Android

03/2017-08/2017 — Curricular Internship — FYI
Development of authentication system and shared authorization.
Technologies: PHP, Laravel, Node.Js, Redis, Html, Css, Js

07/2016-09/2016 — Summer Internship — Xarevision
Development of communication system and price recognition on labels.
Technologies: 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`

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
Spanish	Basic