Tiago **Pessoa**

SOFTWARE ENGINEER · FRONT END EXPERT

Oporto, Portugal

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Summary

I am a Software Engineer with 2+ years of experience and a strong interest in web development. Currently, my expertise is more directed towards **front-end** development, although I am always interested in the full lifecycle of a product along with understanding the business.

My approach to work involves deep commitment and drive, as well as continuously seeking new learning opportunities to enhance my skills both as a developer and as an individual.

Skills

Front-end	Next.js, React, Angular, Typescript, HTML5, CSS, Tailwind CSS, MUI
Back-end	Node.js, Express, tRPC, REST API
Database	PostgreSQL, MongoDB
Automated testing	Jest, Cypress
Others	SCRUM, Agile, Responsive web design, Git, GitHub Actions

I showcase my skills and ongoing learning on my personal website, where I feature examples of my latest projects and accomplishments.

Work Experience

Critical Techworks (BMW Group) *Oporto, Portugal*

SOFTWARE ENGINEER *Set. 2021 - Current*

- Developed and maintained one of BMW claim management **front-end** web applications using **Angular**, adding core features align with stakeholder's needs.
- Consistently performed **automated testing** using Cypress and Jest, and manual testing was also part of my routine, to certify the highest level of quality assurance.
- Conducted code reviews and provided constructive feedback to improve code quality and maintainability and translated that into guidelines.
- Collaborated with designers and back-end developers to guarantee a seamless user experience and requirements accomplishment.
- Operated under a **SCRUM** framework and utilized **Agile** methodologies to ensure efficient and effective development. I actively participated in technical discussions to provide solutions that aligned with business requirements.
- Performed **production monitoring** for one week each month, utilizing tools such as AKHQ, Grafana, and ElasticSearch to analyze logging data and report any issues through appropriate channels.

Education

University of Coimbra *Coimbra, Portugal*

MSC. IN SOFTWARE ENGINEERING *2019 - 2021*

Had the opportunity to apply the fundamental principles I learned through a comprehensive final project. This project covered all stages of software development, including risk management, agile methodology, requirements gathering, architectural design, testing, and more. I was able to demonstrate my understanding of the full software development life cycle, from inception to delivery, by thoroughly documenting each step along the way.

University of Coimbra *Coimbra, Portugal*

B.S. IN COMPUTER SCIENCE AND ENGINEERING *2016 - 2019*

I had the chance to work with different programming languages and tackle a variety of projects, which helped me develop a strong sense of data structures and problem-solving and gave me a broad range of experience in computer science. Most importantly, it helped me discover my true calling in software development.