Miguel Oliveira

Location | Phone Number

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ABOUT ME

Passionate about software development, with the ability to apply good Informatics Engineering practices, always ready to tackle new challenges and acquire new knowledge.

EDUCATION

Master's degree in Informatics Engineering   ISEP - Porto School of Engineering
Specialisation in Computer Systems. Final grade: 15.   Sept. 2018 – Nov. 2020

Licentiate's degree in Informatics Engineering   ISEP - Porto School of Engineering
Final grade: 14.   Sept. 2015 – Sept. 2018

SKILLS

Technical skills
Javascript ● Java ● Python ● C# ● MySQL ● MongoDB ● Node.js ● React ● HTML ● CSS ● Docker ● Git ● Jenkins

Soft skills
Agile development (Scrum) ● Bilingual communication (Portuguese and English) ● Resilience ● Persistence ● Proactive

EXPERIENCE

Software Developer   Feb. 2018 – July 2018
Internship at PONTUAL Software Solutions
- Worked in a team of 3 in an agile environment to reboot a CRM sales system mobile application.
- Contributed with software engineering knowledge throughout the development life cycle of the product, from analysis and design to implementation and successful deployment.
- Implemented a REST API to replace an old SOAP API, with similar and additional functionalities, which significantly reduced server response times.
- Built a new, more intuitive cross-platform mobile application with Xamarin, which received a higher user satisfaction.

PROJECTS

Twitch clip/VOD sync | Personal project | Chrome extension | Github   Feb. 2021 – Present
- Built a chrome extension to automate the process of finding another streamers perspective when watching a clip/VOD on Twitch, where two or more streamers are playing together.
- Developed a backend server with Node.js, Express and MongoDB to manipulate Twitch API's data.
- Handled OAuth 2.0 access tokens to authenticate and access Twitch API endpoints.
- Designed the frontend of the extension to efficiently display the information coming from the backend.

Praxis Network market drift | Master thesis   Sept. 2019 – Nov. 2020
- Built a web application that uses text mining techniques to visualise the evolution of Praxis' internships market.
- Developed a REST API with Python and Flask that queries a MySQL database and applies a Word Frequency algorithm and three different Clustering algorithms to the data.
- Designed an interactive frontend with React to display the results.
- Deployed the application with Docker.

Sports complexes management | CDIO-IL initiative in partnership with Armis Group   Feb. 2017 – Jan. 2018
- Built an application to control entrances and exits in sports complexes, as well as to make reservations in them.
- Worked in an agile environment with a team of six, where each week a different member lead the team.
- Developed two backends (one with ASP.NET core and the other with Java), a frontend with Angular and a mobile application for Android.

INTERESTS

Web development ● DevOps ● Data Science