



João Fernandes

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🔄 Back-end software engineer / QA tester

06/2021 - 05/2023

Full-stack engineer / QA functional tester at Evollu

Development: software development using the Scrum methodology and GitFlow workflow. Mainly back-end and some front-end development on micro-services based platforms. **QA:** functional tests on several web platforms / mobile apps, either by direct interaction with UI/UX components (front-end) or by APIs testing (back-end). Java test automation framework development using the POM (Page Object Model) approach.

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NestJS, TypeORM, MySQL, PostgreSQL, Lumen, Vue.js, Java, Selenium, Appium, TestNG, Postman, Git, Jira, GitLab, Confluence

03/2021 - 05/2021

Back-end software engineer at Jimu Wellness

Software development using the Scrum methodology and GitFlow workflow. Back-end development on a .NET-Core micro-service based platform. First international (and fully remote) experience, until the business model had to be rethought.

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.NET Core, MongoDB, Visual Studio, Postman, Git, Jira, GitLab, Confluence

01/2020 - 12/2020

Junior full-stack web developer at Ciberbit

THOM and Status Monitor projects. Software development using the Scrum methodology and the GitFlow workflow. **THOM:** hospital management web application. Development of new features on the PEM (Electronic Medical Prescription) module. Unit testing. **Status Monitor:** internal error management web platform. Development of new features. Rebranding of the company's website (WordPress).

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C#, SQL Server, jQuery/JavaScript, HTML, LESS, NUnit, DevExtreme, Scrum, Git, GitFlow, Jira, GitLab, Confluence, Visual Studio, ReSharper, WordPress

03/2018 - 06/2019

Web developer at MediaPrimer

PrimerCore and PrimerCOG projects. Front-end (mostly) and back-end (REST API communication and database) development on a operational management application. Testing & writing of technical documentation. Maintenance of the company's website.

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jQuery/JavaScript, HTML5/CSS3, Bootstrap, FullCalendar, OpenLayers, AJAX, JSON, REST, C#, PostgreSQL, SVN, WordPress, Redmine, Celoxis

05/2016 - 02/2018

I.T. Department at Metro Kids Company

Online store management: planning/maintenance of new features, customer contact, order shipment. **Digital marketing/communication:** social network management, newsletter/SMS campaigns planning, assemblage & sending. Content production (mostly English, also Spanish/French): posts, official documents creation/translation (contracts), clothes collections description. Communication with franchisees abroad. **I.T.:** DB querying, internal/external app support, internal promotion management.

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OpenCart, SQL Server, HTML5/CSS3, XML, Ubuntu, UltraVNC, TeamViewer

11/2016 - 03/2017

Web developer at freelance collaboration project

Implementation/update of several front-end/design functionalities on an advertising company website.

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WordPress (including WP Editor, Duplicator and What The File plugins), jQuery/JavaScript, HTML5/CSS3, PHP

11/2015 - 03/2016

Web developer / helpdesk at Coimfor

Web application development (GCI Web). Telephonic customer service. Helpdesk and technical support (both live and remote) for software/hardware troubleshooting and delivery. Writing of daily working reports.



COBOL, JSP, jQuery/JavaScript, HTML5/CSS3, Bootstrap, WordPress, isCOBOL Evolve IDE, Grunt, SVN, Trello, TeamViewer

07/2014 - 06/2015

Researcher at Centre for Informatics and Systems (CISUC)

Researcher on the iCIS project. Study and development of methods to allow bit-flip injection on CPU registers. Design and development of a web application to manage the injection of hardware faults. Writing of technical documentation.



Apache Struts 2, JSP, EclipseLink JPA, MySQL, jQuery / JavaScript, HTML5 / CSS3, Ink (CSS framework), Eclipse, Apache Tomcat, Git, C, KGDB, CentOS

03/2012 - 05/2014

Researcher at Institute for Cognitive Psychology (IPCDVS)

Researcher on the Energy Box project. Development, management and maintenance of web experiences. Organization of the 4th Meeting of Information Integration Theory and Functional Measurement. Development/management of the event website. Research and script development for slab3d software. Implementation of new functionalities and options on C# standalone betting simulation software. Writing of technical documentation. Work developed under the guidance of professor Armando Oliveira.



C#, JavaScript / jQuery, HTML / CSS, Perl, PHP, LimeSurvey, SSI Web, Visual Studio

03/2009 - 07/2009

Teacher of Programming Languages at Profitecla vocational school

Teaching of Object-Oriented programming lessons to a class of the Informatics Management course. Use of the Visual Basic .NET language on the practical exercises.



Education

10/2006 - 09/2010

Master in Informatics Engineering (MSc.) at University of Coimbra

09/2002 - 07/2010

Bachelor in Informatics Engineering (BSc.) at University of Coimbra



Portuguese



English



French



Spanish



- Completed Google's Digital Garage certified training course on online marketing.
- Completed Radio University of Coimbra's Programming course. Radio member between 10/12 and 07/15. Broadcasted and created both author and track programs.
- Enumerator in the 2011 National Census on behalf of INE (National Statistics Institute), in Coimbra, between February and May 2011.
- Member of the Computer Science Students Association (NEI) for more than 4 years. Organization of the 5th National Meeting of Computer Science Students (ENEI 2010).
- Organization of the Coimbra Saudável 2007 ("Healthy Coimbra 2007") event in the scope of the Process Management and Innovation course unit.
- Volunteer work on behalf of IPJ (Portuguese Youth Institute): Voluntariado Jovem para as Florestas and Agir Pelos Animais association.



Development & technology, music, cinema & books, sports (soccer, running, cycling), video games, astronomy, guitar and nature & ecology (namely the zero waste topic)