MOISÉS F. RAMALHO

Full Stack Developer, Programmer Analyst, Webmaster, Maker.

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ABOUT

Full Stack Developer and Programmer analyst for about 8 years, some more years of experience in other areas of the IT universe and a whole life "handling computers".

One of my interests it's Technology, in general, and Information Technologies in particular, with a special focus on the IoT (Internet of Things) for the past years and lately I've also become a 3D Printing enthusiast.

Tailored and costumized applications, Backend, Frontend, API's and Webmastering have been most of my work as a developer.

Both the IoT and the 3D Printing adventures lead me to develop two projects:

- **IoTopia.io** - *Where there's a Thing, there's a way*
- **Artesanato Digital** - *Porque um objecto pode ser muito mais...*

EDUCATION

Computer Science - Bachelor's degree

Escola Superior de Gestão e Tecnologia de Santarém
2011 - 2014

Network Technician - Network installation and administration

Instituto Superior de Línguas e Administração - Santarém
2008 - 2010

LICENSES & CERTIFICATIONS

e-Tutoring & Moodle

Conclusão - Estudos e Formação
Nº 3421/2016
Oct 2016 - No expiration date

Tutoring Certification (Certificado de Competências Pedagógicas)

Megaexpansão, Ensino e Formação Profissional em Novas Tecnologias
Nº 574426/2011
May 2011 - No expiration date

CISCO Certificate of Course Completion - Fundamentals of Wireless LAN's

Cisco Networking Academy, ISLA Santarém
Nov 2009 - Nov 2012

CISCO Certificate of Course Completion - CCNA 4 WAN Technologies

Cisco Networking Academy, ISLA Santarém
Jun 2009 - Jun 2012

CISCO Certificate of Course Completion - CCNA 3 Switching Basics and Intermediate Routing

Cisco Networking Academy, ISLA Santarém
May 2009 - May 2012

CISCO Certificate of Course Completion - CCNA 2 Router and Routing Basics

Cisco Networking Academy, ISLA Santarém
Apr 2009 - Apr 2012

CISCO Certificate of Course Completion - CCNA 1 Networking Basics

Cisco Networking Academy, ISLA Santarém
Feb 2009 - Feb 2012

EXPERIENCE

Full Stack Developer, Webmaster, IT Consulting

Institute for Strategic Clarity
New Hampshire, U.S.A.
Freelance and Remote.
Nov 2017 - Jun 2020

Full Stack Developer, Webmaster, IT Consulting

Freelance
Jan 2017 - Oct 2017

Programmer Analyst, Software/Web Full Stack Developer

Nutsoft
Santarém, Portugal
Full-time On-premises & Remote.
Oct 2014 - Dec 2016

Software/Web Developer, IT Consultant, IT Support, IT Technician, Systems Analyst, Network Technician

Freelance
Mar 2011 - Oct 2014

IT Support, Network Technician

IT Support technician, hardware maintenance, Helpdesk, Network installation and administration, Systems installation and maintenance (Server and Client).
Template - Sistemas Informáticos e Formação, Lda.

Rio Maior, Portugal
Mar 2010 - Feb 2011

SKILLS

The most relevant, some more sharp and "fresh" and others acquired over time.

NodeJS SailsJS JavaScript HTML CSS jQuery Bootstrap mySQL MongoDB REST Docker Kubernetes Linux Linux ARM Raspbian Ubuntu Raspberry Pi Arduino MQTT PrestaShop Wordpress Google Cloud Platform Application Programming Interfaces (API's) Webmastering 3D Printing

WORKS

My Projects

Moisés F. Ramalho

moisesramalho.com

e-CV and presentation single page website.

Full Stack Development HTML CSS JavaScript Google Cloud Services PWA

IoTopia.io

iotopia.io

Where there's a thing, there's a way

IoT (Internet of Things) platform for Hobbyists, Makers, Professionals and Enterprises. From DIY Domotic to Industrial or Agricultural Production, from "Smart Houses" to "Smart Cities".

Created to manage your devices, home-made automations or micro-controllers with sensors and actuators. Control and optimize your home or production based on real-time data.

Code editor with Auto-Sketch in One-Click with selected components and with instant and costumizable graphic interfaces. Program tasks for your Things, manage and code them with ease, manage your Sketches or simply use it as a Cloud IoT Hub for your data.

Full Stack Development NodeJS SailsJS JavaScript HTML CSS jQuery mySQL MongoDB MVC MQTT Websockets Python C / C++ Arduino Arduino OTA ESP Node MCU Raspberry Pi Linux Windows Ubuntu Ubuntu ARM Raspbian PlatformIO Facebook API Twitter API Google API LinkedIn API MailGun API GitHub API GitLab API BitBucket API MEO Remote KODI API Jointspace API OctoPrint API ONVIF IP Cameras Google Analytics Google Cloud Services

Artesanato Digital

artesanatodigital.pt

Because an object can be much more

Single page site dedicated to 3D Printing services.
Lithophanes, prototypes, practical, technical, advertising or decorative pieces.

- **Site :**
  Full Stack Development Bootstrap JavaScript HTML CSS Google Cloud Services PWA
- **3d Printing :**
  Cura Marlin Arduino IDE Meshmixer OpenSCAD OrangePi OctoPrint

Cosmic Shoes™

cosmic-shoes.com

Art in Leather

Online store based on PrestaShop open source e-Commerce software.

Handcraft in eco-friendly leather made by a family member.
Shoes, boots, sandals, wallets, belts and other fashion accessories.
Classic models with a twist and made with Love.

Webmastering PrestaShop PHP CSS mySQL PayPal API Google Cloud Services

Oficina Tempo dos Sonhos

Art in Leather

Online store based on PrestaShop open source e-Commerce software.
Offline - The company rebranded to Cosmic Shoes™.

Webmastering PrestaShop PHP CSS mySQL PayPal API Google Cloud Services

Licores com Espírito

For *connoisseurs* and the curious

Personal hobbyist Wordpress blog about Spirits & Liquors.

Wordpress

Arte do Couro

The Art of the Leather

Personal Wordpress blog (created for academic purposes) about Leather.

Wordpress

Third party projects with my collaboration

Vibrancy is a Choice

Social Impact Investors

Content management system with several user profiles.

Signed users above a certain profile are able to submit their own projects for approval/publication.

Also functioned as an Hub and propagator for the ISC universe, importing Administrators blog posts and exporting them to ISC's Wordpress site, as well as exporting information on Events, for example.

ISC universe domain names email addresses, credentials and routes management.

Costumer Relationship Management and e-books sales.
Currently offline.

Full Stack Development NodeJS SailsJS JavaScript jQuery HTML CSS mySQL Wordpress API MailGun API Facebook API Twitter API LinkedIn API PayPal API YouTube API Google Analytics Google API Google Maps API Google Calendar API Google Cloud Services

Surveys ISC

surveys.isclarity.org

Institute for Strategic Clarity - Surveys

Survey creation and management system for ISC use, with groups and users management as well as survey analysis and statistics (individual and group).
Multi-language, PDF and Powerpoint results exportation.
Lime Survey importation functionality - Structure and Results.

Full Stack Development NodeJS SailsJS JavaScript jQuery HTML CSS mySQL MailGun API Google Analytics Google Cloud Services

Institute for Strategic Clarity

isclarity.org

Building capacity to social impact

ISC Wordpress website.

Consulting Webmastering Wordpress Wordpress Multi-site Google Cloud Services

Nutsoft Omnichannel Retail

www.nutsoft.pt

All-in-One SaaS Omnichannel solution for micro and small retail companies

All-in-one Software as a Service (SaaS) Omnichannel retail solution for micro and small companies over an innovative hybrid cloud architecture and network fail-over solution, combining an Enterprise Resource Planning (ERP), Point of Sales (POS), Customers Relationship Management (CRM) and e-Commerce (Online Store) software in one single interface, "Internet of Things" (IoT) ready, multi-language and responsive, over multiple devices, in real-time.

Full Stack Development NodeJS SailsJS HTML CSS JavaScript mySQL PHP MQTT Raspberry Pi ERP CRM POS SaaS IoT Ubuntu Ubuntu ARM Google Cloud Services Amazon Web Services Docker Kubernetes MB Way SOAP API's