

JOÃO NOGUEIRA

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KEY EXPERTISE

- Large-scale systems
- Multiple program. languages
- Clean code, tests, CI/CD
- International projects
- Agile Scrum teams
- Autonomous and self-driven

INDUSTRY EXPERIENCE

Senior Full Stack Developer

Bosch Thermotechnology

📅 Aug 2017 – Present 📍 Aveiro, Portugal

- **Deployment and operation of Azure cloud services** in a **Continuous Integration / Continuous Deployment** fashion
- Cross-functional development, in **backend and frontend code**, working in **Agile Scrum** supporting the **international team** on everything that might be needed to push the project forward

Software Developer (Research & Development)

Altice Labs (Formerly Portugal Telecom Inovação)

📅 Jun 2012 – Aug 2017 📍 Aveiro, Portugal

- Major contributions to MEO IPTV **large scale production services**, defining their **architecture and key algorithms** to ensure **performance and scalability** goals – e.g. lead developer & architect of MEO Gravações Automáticas, with more than 1 million users every month
- Development and curation of reusable libraries / components in order to speedup new applications development, reduce production bugs, and **promote clean code and good programming practices**
- **Planning, management, and coordination responsibilities in large national & international projects** – e.g. Celtic-Plus NOTTS (8.5 Million € budget on 6 different countries) and Ultra TV

Software Developer (Trainee Internship)

Altice Labs (Formerly Portugal Telecom Inovação)

📅 Aug 2010 – Sep 2011 📍 Aveiro, Portugal

- Successfully designed & developed a Network / Cloud DVR product, **working autonomously** and proposing novel solutions to its significant technical challenges on client and server implementations

LIFE PHILOSOPHY

"A journey of a thousand miles begins with a single step."

EDUCATION

PhD in Electrical and Computer Engineering

Aveiro University

📅 2012 – 2017 (Summa Cum Laude)

Dual PhD Student

Aveiro & Carnegie Mellon Universities

📅 2011 – 2012 (A on coursework)

Master in Electronics and Telecommunication Engineering

Aveiro University

📅 2005 – 2010 (18/20)

Erasmus in Technische Universiteit Eindhoven, Netherlands (8.5/10)

LANGUAGES

TECH STACK

C#

.Net (Core)

MVVM

MVC

WebApi

REST

IIS

Swagger

SQL

OData

Azure

Autofac

Moq

Serilog

Entity Framework

Mediaroom

IPTV

WCF

OTT

Smooth Streaming

HLS

MPEG-DASH

Git

Svn

JIRA

Also worked with:

React

Angular

jQuery

Javascript

C++

C

Java

R

Python

C++

C

Java

Machine Learning

Big Data

RStudio

CDNs

Apache Traffic Server

Nginx

Varnish

CERTIFICATIONS

Certified Scrum Master

Scrum Alliance - KnowledgeHut

 2015

Certified Trainer

Alexandre Sarmento Formação


 2011 (License 574201/2011)

Test of English as a Foreign Language


Educational Testing Service (ETS)

 2010 (112/120)


SELECTED AWARDS

 Celtic Plus NOTTS Project


2017 | Services' Excellence Award

 It's App to you - Ubiwhere


2014 | Hackaton Winner

 MEO Open Awards


2013 | Best interactive TV App

 Eng. José Ferreira Pinto Basto Award

2010 | Best graduate student

 Universidade de Aveiro Fellowship

2007 – 2010 | University's top-20

 Calouste Gulbenkian Fellowship

2007 – 2010 | Great performance