

Joel Pinheiro

Software Developer

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Summary

Hello, I'm a **Software Engineer** from Aveiro, Portugal. I'm currently **finishing my master** in Computer and Telematics Engineering from Aveiro University. I spend most of my time **crafting** and **working** on awesome projects. I define myself as a **full stack / integration engineer** with know how with software **architecture, scalability** and **performance**. I am able to adapt to **multicultural environments**, gained through working **experience abroad** (Netherlands). My main interests are **Security, Distributed Systems, Finance** and **Web**. I'm currently available to take part in some **interesting smaller projects**. I'm also looking for opportunities from **any country** after finishing my master degree.

Work History

Javascript Developer Apr 2015 - Present
Instituto de Telecomunicações
Researcher and **Software Engineer**

Java Developer (J2EE) 2014 - 2014
FIS, Amsterdam (Netherlands)
Project: Online Banking Solution **Technologies:** J2EE (Spring and Struts Frameworks, Spring Web Flow, Tomcat), GTM Database, HTML5, JavaScript, CSS

Java Developer 2009 - 2011
CA Informática - Crédito Agrícola, Lisbon (Portugal)
Application: Calypso (financial solution - Java Web Start Application) **Projects:** Foreign Exchange, Bonds, Bloomberg Interface **Technologies:** Java, Oracle Database 10g, Microsoft Visual SourceSafe, WSDL.

C# Developer 2009 - 2009
Infolau, Lisbon (Portugal)
Application: Calypso (financial solution - Java Web Start Application) **Projects:** Debit Direct System for Crédito Agrícola bank, Condos Software **Technologies:** .net (C, ASPX), XML, IIS, Visual Studio Certificates: Ensemble technology at Intersystems in Madrid.

Education


Bachelor and Master's degree in Computer and Telematics Engineering 2011 - 2016
University of Aveiro
Favorite Courses: Operating Systems, Algorithms And Complexity, Programming I-III, Computer Architecture, Data Bases, Network Architecture, Security, Distributed Systems, Concurrent Programming and Audio And Video Coding.

Projects Portfolio / Open Source Software

Github Repository: github.com/joelpinheiro.

Skills


Java


Three years enterprise level experience. Two years in university. This is the language I feel more comfortable to use in order to solve any problem.


Javascript


One year working on a European research project using Javascript. Besides that it was a major language used in university and on side projects.

Python


Academic experience and some side projects. Take a look at Projects Portfolio section.

C/C++


Academic experience. I had developed an audio/video codec. Take a look at Projects Portfolio section.

Programming Lang.

C/C++, Java, Python, JavaScript, C#, Lua. Learning: Scala, Swift, Objective C.

Techs/Frameworks

NodeJS, Spring, CherryPy, Atom Shell (Electron), JAX-RS/Jetty, Express, Socket.io, Django, Angular.JS, JQuery, Meteor.JS, D3

Databases

MongoDB, SQLServer, SQLite

Tools

Docker, NGINX, Chef, Vagrant, Puppet, Ansible