

Carlos Eugenio Lopes Pires Xavier Torres

Contacts

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Profile

Carlos Torres is a senior software engineer and IT manager expert in web and mobile solutions development for smartphones and tablets for iOS, Android and Web platforms with 16 years experience. Worked abroad for multinational companies like Vodafone Portugal as software engineer on .NET platform, Palm, Windows CE and C++ mobile development. Experienced in fast-paced environments, team leadership, client-facing and customer relationship. Also experienced in the whole software development process, from concept, requirements, analysis, database modeling, programming, testing, until production and maintenance. A problem solver and team leader focused on results and customer satisfaction, ensuring that all the project features are implemented, in the timeframe and with quality. Currently works as senior software engineer and manager director at CACIRA creating amazing mobile solutions for iOS, Android and Web.

Professional Goals

- Senior Software Engineer in Web and Mobile (iOS, Android);
- Senior Software Engineer and IT Manager (Manager, Coordinator, Leader).

Technical Skills

OPERATIONAL SYSTEMS AS DEVELOPMENT PLATFORMS

- MS Windows 15 years
- Apple Mac OS X 7 years
- Ubuntu Linux 4 years

PROGRAMMING LANGUAGES

- Objective-C (iOS) 6 years
- Java (Android) 4 years
- C++ 3 years
- C#, ASP.NET 5 years
- Web Script (HTML, Javascript, CSS) 12 years
- AngularJS Framework and NodeJS 2 years
- PHP (LAMP server) 6 years
- Web services, REST APIs, JSON 6 years

DATABASES

- MySQL 5 years
- MS SQL Server 5 years
- MongoDB 2 years

ANALYSIS, MODELING AND PROJECT MANAGEMENT

- UML, Software Architecture and Software Design 8 years
- Project management, MS Project 5 years
- Agile methodologies like SCRUM 4 years

VERSION CONTROL SYSTEMS

- Subversion (SVN) 8 years
- GIT 4 years

Professional Experience

- **Founder, Director and Senior Software Engineer at CACIRA, Brazil and Florida, USA, From July 2010 to Present**

Managing the USA operation as Director since November 2014 in charge of hiring, defining business strategies, expanding partnerships and client relationship, managing professionals and projects. CACIRA is focused on web, mobile solutions and apps development, helping customers transforming ideas into real products. Mobile solutions for iOS, Android and Web platforms. Backend systems, web services, API development. Provides solutions for startups and big clients like banks and media groups. Portfolio at <http://cacira.com>.

- **2nd Lieutenant at Brazilian Army, Fortaleza, Brazil, From June 2012 to Jun. 2013**

Served for one year as 2nd Lieutenant at Brazilian Army, specialized in IT, responsible for the IT infrastructure of military organization *10^o Depósito de Suprimento (10^o DSUP)* in Fortaleza, Brazil. Had as main tasks: maintenance and improvement of computer networking and telecommunications, creation and improvement of computer programs and systems to assist and optimize processes of 10^o DSUP and 10^a Região Militar (10^a RM). Also participated in several military essentially missions like supply trips through the states of 10th RM, Pipa operation (water supply in underserved communities in the countryside), actual military training missions and military games.

- **Project Manager at Synapsis Brasil (Endesa), Fortaleza, Brazil, From March 2009 to July 2010**

Project management, pre-sales and software architecture. Managing projects, solutions and processes for utilities sector, especially commercial systems for electricity companies like AMPLA (Rio de Janeiro – Brazil) and COELCE (Ceará - Brazil). Responsible for software architecture. Using software engineering and analysis, business analysis, solutions architecture, operations, resources, along with customer relationship. Used technologies like .NET and mobile.

- **Senior Software Engineer, Vertigus Consulting, Lisbon, Portugal, From September 2008 to January 2009**

Software analysis, IT solutions, operations, project management (using Agile methodologies like SCRUM), web and mobile solutions (for iPhone and Android). Entrepreneur, outsourcing management, client relation. Experience in clients in areas like government, telecommunications and banks.

- **Senior Software Engineer at IBM, Lisbon, From January 2007 to October 2008**

Working inside client Vodafone Portugal, analyzing and developing in house solutions for intranet and internet. Web, desktop and mobile applications, C++, MS .NET platform, Visual C# .NET, ASP.NET, Ajax, Web 2.0, DHTML, SQL Server 2000 and 2005, Oracle. Experience also in Project Management for web, desktop and mobile applications, managing offshore teams in India.

- **Senior Software Engineer at Vodafone, Lisbon, From September 2004 to September 2008**

Software analysis and development for intranet and internet. Web, desktop and mobile applications, C++, MS .NET platform, Visual C# .NET, ASP.NET, Ajax, Web 2.0, DHTML, SQL Server 2000 and 2005, Oracle. Experience also in Project Management for web, desktop and mobile applications (using tools like MS Project, MS Visio and methodologies like MSF).

- **Volunteer work: OLPC – One Laptop Per Child (<http://www.laptop.org>), From September 2007 to January 2008**

Project needs a lot of help from everyone who are able to develop free software to empower the X0 (X-zero) machine, the prototype of the Linux powered computer. Recently I got in touch with the project and became very impressed with all the effort around the world created with this idea and decided to help too. I applied to the developer's team and received one laptop X0 (model B4) for testing purposes, to help me test the educational software I proposed to develop, evolving mathematics and music for children.

- **Software Analyst and Developer, IVIA, Fortaleza, Brazil, From April 2003 to September 2004**

Web and desktop applications, ASP 3.0, Visual Basic 6.0, Visual C# .NET, ASP.NET, DHTML, SQL Server 2000, Oracle.

- **Java and ASP Programmer, Noolhar, Fortaleza, Brazil, From October 2002 to April 2003**

Web and desktop applications, Java 2, ASP 3.0, Visual Basic 6.0, DHTML, SQL Server 2000, Oracle.

- **Java Programmer, SoftExport, Fortaleza, Brasil, From July 2001 to October 2001**

Web and desktop applications, Java 2, Oracle.

Education

ACADEMIC

- MBA (Master in Business Administration) in Project Management, Fundação Getúlio Vargas, Brazil. 2009 – 2011
- Bachelor degree in Computer Engineering, Instituto Superior Técnico, Universidade Técnica de Lisboa, Portugal (public university, 100% scholarship by merit). 2005 – 2006
- Bachelor degree in Computer Science, Universidade Federal do Ceará, Brazil (public university, with 100% scholarship by merit). 2000 – 2004

LECTURES

(as lecturer)

Mobility – Mobile computing, devices and applications (<http://cettorres.com/aulas>)

- FA7 – Faculdade 7 de Setembro – (Information Systems department, Fortaleza, Brazil) September 2014
- UFC – Universidade Federal do Ceará (Computer Science department, Fortaleza, Brazil) July 2014
- FLF university (Computer Science department, Fortaleza, Brazil) May 2014
- Unifor university (Computer Science department, Fortaleza, Brazil) August 2013
- UniChristus university (Information Systems department, Fortaleza, Brazil) March 2012
- FATENE university (Information Systems department, Fortaleza, Brazil) November 2011
- FLF university (Technology Week, Fortaleza, Brazil) October 2011

SCIENTIFIC RESEARCH PROJECTS AND ARTICLES

- Article: O computador de US\$ 100: Um futuro melhor para as crianças da CPLP? 2007
Published on the Portuguese Engineering Order magazine (Ingenium) edition 102
- Paper: Symbolic treatment of incomplete knowledge on Expert Systems 2001
Area: Artificial Intelligence
Institution: Computer Science department of Universidade Federal do Ceará

COURSES

- Microsoft Official Curriculum – Course 2710 – Analyzing Requirements and Defining Microsoft .NET Solution Architectures Jul. 2006
- ISO 9001/2000 training (20 hours) Oct. 2003
- MS .NET platform and web application development with Visual C# and VB.NET (32 hours) Mar. 2003
- MS Access and Delphi programming (100 hours) Jul. 1997
- FoxPro and Clipper programming (100 hours) Feb. 1995

Languages

- Portuguese Native
- English (TOEFL test took in July 2013 scored 91) Fluent
- Spanish Basic