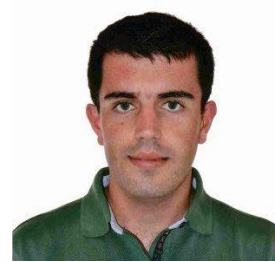


## Personal Information:

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**Age:** 31

**Nationality:** Portuguese

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**Linked In:** <https://www.linkedin.com/in/carlosmcpereira>

**Updated CV:** [http://carlospereira.pt/CV/Carlos\\_Pereira\\_CV\\_EN.pdf](http://carlospereira.pt/CV/Carlos_Pereira_CV_EN.pdf)

## Experience:



### **Training Developer (Celfinet)**

**(06/2016 – Present)**

5G System Overview (focus on Core and NFV/SDN):

- Lecturer;

End-to-end VoLTE training development (focus on Core area – IMS, CS and PS):

- Production of manuals and presentation slides;

- Lecturer;



### **IMS Consultant (Celfinet) at Vodafone**

**(04/2014 – Present)**

Working in IP Multimedia Subsystem (IMS) and VoLTE areas:

- Solutions design and deploy;

- VoLTE network design, configuration, integration and testing of CSCF, HSS (IMS and LTE modules), DNS/ENUM, TAS (MMTel and SCC-AS) and SBC on a multi-vendor environment (Ericsson, Huawei and Celfocus);

- IMS Core Upgrade and Expansion – live and lab nodes: CSCF, HSS, DNS/ENUM and NACF/CLF;

- E2E optimization and troubleshooting for IMS/VoLTE scenarios;

- HSS, HLR, CUDB and PG convergence to CSDB;

- HLD and LLD acceptance, analysis and review;

- Projects coordination and planning making the connection between different internal teams and vendors;





### **Consultant Integration Engineer (Altran) at Ericsson Portugal (01/2013 – 03/2014)**



Working in IP Multimedia Subsystem (IMS) area:

- Ericsson SCC-AS: installation, configuration and testing;
- On Call support 24x7;
- BroadWorks application servers support (BroadSoft);
- On-Site OAM for Ericsson HSS (Angola);
- Installation, integration and troubleshooting of Ericsson CSCF and HSS;
- IMS live network's upgrade and expansion;
- Installation, integration and troubleshooting of Presence Servers (PGM 5.0);
- Voice and video over LTE system configuration and testing (Ericsson IMS Core):
  - CSCF
  - HSS (LTE and IMS environment)
  - MTAS (Ericsson TAS and SCC-AS solution)
  - SAPC (Ericsson PCRF solution – Rx and Gx interfaces – basic level)
  - IPWorks (Ericsson DNS and ENUM server solution – operational level)



### **Internship at Ericsson Portugal (04/2012 – 12/2012)**

Working on IP Multimedia Subsystem (IMS) area:

- Integration, configuration and troubleshooting of a testplant network for SRVCC tests, using Ericsson products (part of the IMS Core team) which resulted in the first VoLTE call in Portugal and one of the first "Single Radio Voice Continuity Call" (SRVCC) in the World (in a "real" environment);
- RCSe configuration for interworking between different operators;
- Integration, testing and troubleshooting RCSe (Rich Communication Suite enhanced) system in different operators;



### **Professional Internship at Ericsson Portugal (06/2011 – 03/2012)**

Have worked on IP Multimedia Subsystem (IMS) area as Services Engineer and took part on the following projects:

- Installation, integration and testing of Presence servers in different national operators (PGM 5.0);
- Integration, testing and troubleshooting of Rich Communication Suite (RCS 2.0) system including different features such as voice, presence and messaging, using different platforms: PGM, MTAS, MiO, BCS, CSCF and HSS.



### **Mobile Applications Development (06/2010 – 06/2011)**

Development of several applications for mobile devices. They are mainly localization based applications for Android OS.

## Certification:



### **Ericsson Certified Associate – IMS (IP Multimedia Subsystem) (01/2014)**

Certification Authority: Prometric

## Education and training:



### **Voice over LTE using MMTEL (10/2012)**

Principal subjects: VoLTE, SRVCC, IMS, MSS and PCRF;

Organization: Ericsson



### **IMS Technical (10/2011)**

IP Multimedia Subsystems course;

Organization: IP Solutions



### **Master's Program in Electronics and Telecommunications Engineering (08/2005 – 07/2011)**

Principal subjects: Computer Science, Electronics and Telecommunications;

Organization: University of Aveiro (Portugal).



### **Master's Program in Electronics/ Telecommunications (08/2008 – 02/2009)**

Exchange student due to Erasmus Program;

Organization: University of Gävle (Sweden).



### **English course (02/2010 – 06/2010)**

Principal subjects: written and spoken English;

Level: B2 - (CEFR) Common European Framework of Reference for Languages;

Organization: University of Aveiro (Portugal).

## Personal skills and competences

### **Technical skills and competences**

- E2E IMS troubleshooting in multivendor environments;
- Linux/Unix knowledge;
- Network tracing and packet analyzes;
- SIP, SS7, Camel, Diameter, XCAP, S1AP, DNS, H248, RTP and GTP;
- Call flows and packet structure in IMS area (voice, video, messaging, presence, etc);
- VoIP, VoLTE and SRVCC;
- Huawei SBC;
- Ericsson nodes: HSS (monolithic / front-end), CSCF, MTAS, MiO, PGM, SBG, DNS/ENUM, NACF/CLF, SLF, CUDB, NACF/CLF, PG, HLR and MME;
- Basic knowledge of MySQL;

### Organizational skills and competences

- Multitasking and self-learning attitude;
- Throughout several professional and academic projects it was developed a sense of leadership for projects and team management;
- Excellent commitment in order to reach the objectives;

### Social skills and competences

- Great capability for adaptation and learning;
- Excellent ability to adapt to multicultural environments obtained during the Erasmus Exchange Program, some projects in Angola and recently during the roll out of big projects;
- Team spirit attitude;
- Problem-solving attitude;

### Mother tongue

Portuguese

### Other languages

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
English	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
Spanish/ Castilian	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(\*) Common European Framework of Reference (CEFR) level

### Driving licenses

A1 and B

**References:** Available on request

February 2019