

Carmen Jiménez Cabezas

Software Engineer
carmen.jimenezcabezas@telefonica.com | +34 682 681 246

EXPERIENCE

TELEFONICA R&D | Open Web Devices

Jun 2013 - Current

Role: Software Engineer. **What I did:** Building Firefox OS. Hacking on the Mozilla platform (AKA Gecko), Apps's WebAPI and permissions, Operator Variant, Vertical Homescreen (frontend and backend), Hello client for FirefoxOS and Desktop. **Keywords:** C++, Javascript, HTML5, CSS, shell script.

TELEFONICA R&D | Open Web Devices

Jun 2012 - Jun 2013

Role: Security consultant. **What I did:** In charge of project code's security audits. Some of the discovered vulnerabilities was solved by myself as developer. **Keywords:** C++, JavaScript, Fortify.

TELEFONICA R&D | Collaborative Security

Oct 2011 - May 2012

Role: Software Engineer. **What I did:** Saqqara (Saqqara-SC) Collaborative module development and quality assurance and integration with Saqqara-SA. **Keywords:** J2EE, ZeroMQ, MySQL, OSSIM.

TELEFONICA SPAIN | Security in Services

Oct 2009 - Jan 2011

Role: Security consultant. **What I did:** Consulting on the implementation of security architectures for Telefonica Spain's Services. Defining, develop and validation of Security Operating Procedures. **Keywords:** Solaris, linux, Windows, Apache, Tomcat, JBoss, SGBR Oracle, MySql, Oracle Weblogic Server,...

TELEFONICA R&D | Network and Services Security

Apr 2007 - Jun 2009

Role: Software Engineer. **What I did:** Training ATOS ORIGIN group, LDAP for Applications training for Security Strategy and Development Network group. ATICO Development, Infradha development. **Keywords:** HTML, JavaScript, SunOne Application Server, SunOne Directory Server, Active Directory, Radius, SGBR Oracle, TACACS+.

LUCENT TECHNOLOGIES |

Ago 2006 - Apr 2007

Role: Software Engineer. **What I did:** Peer review of drivers and self-configuration software for hardware devices and extending the system to allow distributed network configuration for the hardware devices. **Keywords:** J2EE, C, SGBR Oracle.

TELEFONICA R&D | Security Management and Access Control

Jan 2006 - Ago 2006

Role: Software Engineer. **What I did:** Assess the maturity and viability of different authentication and identity management technologies to achieve a unique identity for Telefonica customers on all our services. **Keywords:** Liberty Alliance, HTML, JavaScript, J2EE, SunOne Application Server.

TELEFONICA R&D | Cryptography and Digital Identity Services

Apr 2000 - Jun 2006

Role: Software Engineer. **What I did:** Single Sign On based on a certificate stored in a smart card. Digital signature API. **Keywords:** PKI, J2EE, SunOne WebService, SGBR Oracle, C++, ActiveX, NSPR, NSS.

AIRTEL | Dec 1999 - Apr 2000

SKILLS

PROGRAMMING

Proficiency

J2EE • Javascript

Familiarity

C • C++ • Python

WORKED/PLAYED WITH

Firefox OS

PKI • digital signature

cipher algorithms and protocols

Linux • Unix

PERSONAL SKILLS

Easy going • Team player

Proactive personality • Avid learner

If it can be done I can learn it

INTERESTS

Open Source Software Engineering
The Web, Web APIs, Web Services
IoT, M2M, Cloud Computing,
Distributed Systems, Security and
Cryptography

EDUCATION

POLYTECHNIC UNIVERSITY OF MADRID

Degree on Computer Science
1999 | mark 7.64

AWARDS

Undergraduate Thesis with honors:
'Diseño e implementación de un
Sistema de Votación Electrónica
Remota'

OPEN SOURCE

Firefox Browser
Firefox OS

Contributor

Contributor

(Apps's WebAPI,

Vertical Homescreen,

Operator Variant,

Firefox OS Hello app,...)