

# Carmen Jiménez Cabezas

Software Engineer  
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## 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,...)