

## CAREER PROFILE

Customer-focused and process oriented senior developer with 11 years of international experience in proprietary and open source environments. Worked for 6 years in Agile environments following lean principles and best practices applied to all the phases in the software development life-cycle. 8 years of experience working with automated systems. Expertise and interest in automation of testing and deployment processes and creating pipelines with different continuous integration platforms. Passionate about product development and building on top of maintainable and testable code base that adjusts in response to customer feedback. Leading and contributing to projects designed to deliver value to business, support organization administrative and infrastructure needs and integrate multiple systems. A resourceful life-long learner, passionate about staying up to date with latest practices and with certifications in ITIL, Microsoft and Agile.

- Telecommunication Engineer with passion about Software developer, automation and best practices
- In-depth hands-on experience for 11 years in full life cycle of software development
- Expert in Agile Methodologies with 8 years of working experience in C# and .Net and advance Linux user
- Contribute to automated testing environments at different levels (unit testing, regression, integration and UI)
- Install and maintain continuous integration servers to automate test, monitor, build and release solutions
- ITIL Foundation Certificate, Scrum Master Certification and multiple Microsoft Certifications (MCSD, MS)
- International expertise, wide working experience with distributed and remote teams (US, Europe and Asia)
- Experience as a systems architect, doing analysis, design, architecture and development
- Research and adapt third party functional systems and integrate these solutions to serve organization needs
- Take a lead role in installing new technology from start to end, including planning, testing and deployment
- Provide technical assistance and tutoring to teammates and internal departments on tools and technologies
- Develop and implement processes for troubleshooting, diagnosis, detection, solution and monitor problems
- Perform root cause analysis to diagnose, formulate and implement system changes as necessary
- System and Network Administrator giving support to users and maintaining the network
- Code following technical, functional specifications and best practices in the industry

## TECHNICAL SKILLS

**Continuous Integration and automation:** Go, Jenkins, MSBuild, Rake, Team Foundation Server  
**Automated Testing Tools:** NUnit, JUnit, MSTest, Rhino Mocks, Mockito, SpecFlow, Jasmine, Twist, Selenium  
**Software Development Process:** Continuous Integration, Agile Methodologies, Design Patterns, TDD, Unit Testing  
**Languages and Frameworks:** .Net, C#, .Net MVC, WebForms, WCF, Windows Web Services  
**Languages and Frameworks (less than 2 years):** Ruby On Rails, Python, Java, PHP  
**Web Development:** JavaScript, jQuery, HTML, CSS, AJAX  
**Mobile Development (beginner):** Android  
**Version Control Systems:** Subversion, Git, Team Foundation Server  
**GNU/Linux (8 years user, 2 years developer):** Debian, Ubuntu, Slackware  
**Object Relational Mapping:** Entity Framework, NHibernate, Linq To SQL  
**Web and Database Servers:** IIS, Apache, MS SQL, My SQL  
**Other Tools:** Memcached, PostSharp (AOP), Caching, StructureMap, ReSharper, XML, XSLT, Windows Report Server

## EDUCATION AND CERTIFICATIONS

Telecommunication Engineer, University of Zaragoza (Spain)	1996-2003
Innovative Multi-Cultural Curricula Scholarship, University Of Virginia (USA)	2001-2002
Android Essentials (Altran)	2014
ITIL Foundation Certificate (EXIN, ref: 4823184)	2013
Microsoft Certification: MCSD Windows Store Apps Using C# (ref.: E343-8135)	2013
Microsoft Certification: MCSD Web Applications (ref: E336-3338)	2013
Microsoft Certification: Microsoft Specialist in HTML5 with JavaScript and CSS3 (ref: E341-1985)	2013
Microsoft Certification: Microsoft Specialist in C# (ref: E338-9711)	2013
Scrum Master Certificate (Scrum Institute, ref. 59039771362495)	2012
Agile Product Owner Certificate (Scrum Institute, ref. 93408498473162)	2012
Agile Team Member Certificate (Scrum Institute, ref. 96833680018408)	2012

## LANGUAGES

- Spanish: Mother tongue
- English: Fluent
- French (A2)
- German (A1, currently learning)

## CAREER HISTORY

### Senior Software Developer, Universal Postal Union; Switzerland

Oct. 2013 – present

*Technologies and Tools:* .Net, C#, IIS, Caching, .Net MVC, Web Forms, WCF, Web Services, XML, XSLT, Team Foundation Server, jQuery, JavaScript, AJAX, IIS 7, MS SQL, MSTest, Git, Git-TFS, Entity Framework, ReSharper, Jenkins, Linq To Sql, Windows Reporting Services, NUnit, PostSharp (AOP)

- Lead the architecture and development in one new web application (MVC, Entity Framework, Repository Pattern)
- Worked on multiple legacy systems adding value according to requirements (C#, WCF, XSLT, WebForms, LinqToSQL)
- Proposed solutions and led the application of continuous integration server for automated testing and deployment
- Mentored, proposed and shared Agile practices (scrum, TDD and pair programming)
- Assisted the project manager in establishing the project plan, by evaluating the workload and estimations
- Developed and tested each module according to the functional specifications and technical design
- Documented technical and functional specifications
- Participated in the establishment of detailed test and deployment plans and performed 3rd level support actions

### Senior Software Developer, Asia Rooms; Singapore

Apr. 2011 – Oct. 2013

*Technologies and Tools:* .Net, C#, .NET MVC, Jenkins, GO, Rake, Subversion, Memcached, jQuery, JavaScript, AJAX, Web Services, IIS 7, MS SQL, MySQL, Twist, NUnit, SpecFlow, Rhino Mocks, NHibernate, StructureMap, ReSharper, Jasmine

- Customer Obsession Award 2012
- Senior .Net developer of an Agile globally distributed team (UK and Singapore) following ITIL practices
- Migrated to responsive, mobile dedicated sites and MVC .Net the pool of PHP and Classic ASP legacy applications
- Maintained and enhanced the application to support 200000 unique visitors/day (MVC .Net, C#, IIS, SQL)
- Create automated tests at unit level (NUnit), integration (SpecFlow) and UI level (Java, Twist, Selenium)
- Built local Continuous Integration processes (Jenkins)
- Contributed to the existing Continuous Integration server (GO, rake) adding tasks to the pipelines
- Performed daily automated deployment without service interruption to the live environment (GO)
- Performed deployments triggered automatically by every commit (Subversion, Jenkins) to our UAT/Staging environment
- Developed tasks in the CI server such as versioning, JS unit test (Jasmine), CSS and JS minifying and bundling
- Driven by Agile methodologies and best practices: TDD, Continuous Integrations, pair programming and code reviews
- Fulfilled both the role of Senior Developer and Scrum Master
- Led the support of the community site writing and modifying plugins (Linux, Apache, WordPress, PHP)
- Fixed legacy code (PHP) and perform admin tasks in Linux server (Debian, PHP)
- Implemented a reverse proxy solution to give access to Apache server behind IIS keeping the same root domain (SEO)

### Team Lead/Senior Server Side Developer, Behringer Holdings; Philippines & Singapore

Mar. 2007 – Apr. 2011

*Technologies and Tools:* C#, .NET, PHP, Flex, Web Services, Tridion, Drupal, PHPBB, WordPress, MySQL, MS SQL, LAMP environment, VMWare, HA Architecture, FTP, IIS, SSO, Axapta, bash scripting, MSBuild Tasks (Continuous Integration)

- Special Chairman award 2009 for performance and achievements in projects and delivery
- Behringer Award 2008 for punctuality and zero absences and sick leaves
- Team lead for server side team. Planned, assigned and supervised (4) developers
- Migrated systems from physical machines to virtual environments (VMWare) under High Availability architecture
- Designed Single Sign On authentication protocols between multiple systems
- Working with and administering LAMP environments and architectures (Linux Apache MySQL PHP)
- Liaised with project managers and business analysts to gather requirements, assess risks, estimate timelines and propose solutions and preventive measures for risk mitigations
- Developed Continuous Integration scripts for agile development (automated unit testing, load testing, backup and deployment of code to multiple servers and stages)
- Performed root-cause analysis on situations of low performance and critical bugs
- Developed Web Services in C# for Flex client with Axapta business layer and MS SQL
- Developed enterprise portals (C#, .Net, Web Services, MS SQL)
- Developed Drupal based community site (Drupal, PHPBB, WordPress, PHP, MySQL)

### Senior Server Side Developer, Wablet; Philippines

Jun. 2006 – Mar. 2007

*Technologies and Tools:* Ruby on Rails, Linux, VMWare, Apache, MySQL, C#, Web Services, XMPP Server (eJabberD)

- Developed APIs for an instant message scalable web application (Ruby On Rails, Linux)
- Administered virtual machines (VMWare) and set up web development environments
- Coded Web Services in C#, running under Apache server (mod\_mono) and MySQL
- Linked web services (C#) with XMPP Server (eJabberD) for IM communication
- Implemented RSA based encryption/decryption process for user authentication
- Designed and developed web administrative tool for web site monitoring

**Information and Communication Technology (ICT) Specialist** **Aug. 2005 – Jun. 2006**  
**United Nations/ United Nations Development Program (UNDP); Philippines**

- Coordinated volunteers and projects with local government stakeholders
- Contributed to resource mobilization efforts and advocated on behalf of UNV
- Represented UNV in meetings and public events; Gave a presentation for an audience of 500 people
- Implemented and maintained CMS: [www.unvcisco.unv-ph.org](http://www.unvcisco.unv-ph.org)
- Designed and implemented: [www.gallery.unv-ph.org](http://www.gallery.unv-ph.org)

**Network and System Administrator, Spanish Embassy/ Commercial Office; Philippines** **Jan. 2004 – Aug. 2005**

- Support users and supervised ICT infrastructure on fairs, missions and events
- Administrated Windows NT 4.0 network with 20 Windows 98/2000/XP clients
- Maintained Microsoft Exchange v5.5, MS SQL and IIS Server
- Troubleshoot, assembled and configured hardware and software

**Junior Software Engineer, University of Zaragoza; Spain** **Jan. 2003 – Jan. 2004**

- Developed H.323 based video conference application on C++
- Analysis of real time traffic flow and bandwidth monitoring
- Architected, coded and tested multimedia modules
- Designed user interface
- Implemented installation package (Windows Installer)

**TRAINING, SELF-LEARNING AND PERSONAL PROJECTS**

- **[www.worldelitesoccer.com](http://www.worldelitesoccer.com)**: Group project. Frontend and backend developer (Javascript, JQuery, AJAX, C#, .Net MVC). Developed server side and user interaction (AJAX) with server side. Collaborated remotely (UK, Switzerland, Singapore) using Jira, Confluence and Trello.
- **<https://github.com/jhuerta/EnduranceGoals.com>**: Personal project. Unique developer and contributor. Social network to allow endurance athletes to explore races, set and track goals (MVC, C#)
- **<https://github.com/jhuerta/TriathlonResultsScraper>**: Personal project. Web scrapper to navigate, pull and store results from Triathlon sites into an SQLite database (Python)
- **<http://github.com/jhuerta> (self-Learning)**: Read and followed training online. Code the exercises and followed tutorial:
  - NHibernate (repository: Tutorial\_Summer\_Of\_NHibernate)
  - Ruby (repository: LearningRuby\_ThePragmaticStudio)
  - RavenDB (repository: RavenDB\_TekPub\_Training\_OrenEini)
  - Design Patterns (repository: DesignPatterns\_Tutorial\_HeadFirst)
  - Mastering Linq: (repository: Linq\_Tutorial\_Tekpub)
  - TDD with Kent Beck:( repository: TDD\_With\_KentBeck\_ScreenCast)
- **Formal Courses:**
  - Android Essentials: Altran, 40 h. (November 2014)
  - Open Source Network, ASTI, 32h.
  - ASP.Net: Informatics, Manila, 24 h.
  - PHP programming: Q-Linux, Manila, 40 h.
  - Linux I, Linux II: Q-Linux, Manila, 110 h.
  - Microsoft Access: Spanish Embassy, Manila, 75 h.
  - Web Design: Edupro, Manila, 60 h.
  - System Administration II: ICEX, Madrid, 40 h.
  - System Administration I: ICEX, Madrid, 200 h.
- **Last talks and events attended:**
  - Code Retreat Day (Nov 2012, Nov 2013, Nov 2014)
  - Magento Hackathon (Nov 2014)
  - Data Visualization (November 2014)
  - Caching HTTP with Varnish (June 2014)
  - Open Data Sports Hackathon (May 2014)
  - Atlassian RoadTrip Presentation (May 2014)
  - State-of-the-art continuous integration & deployment (Dec 2013)
  - High Performance JavaScript (Dec 2013)
  - CITCON (Continuous Integration and Testing) (April 2012)