**Pio O'Connell**

Avenue Edouard Benes 168,Molenbeek-Saint-Jean, Bruxelles 1080.

00 353 (0)86 2371 799 [pio\_o\_con@hotmail.com](mailto:pio_o_con@hotmail.com)

Profile

* Qualified Computer Scientist with 12 year's IT work experience.2 Additional Higher Diplomas.
* Proven track record in Networking & Telecoms Test (Automation & Performance).
* Proven problem solver with excellent instincts for technology & design.
* Skillset adaptable to ever changing challenging environments
* Comfortable & very confident to work proactively as team member or on own initiative.
* Excellent presentation, communication, planning and organizational skills
* Efficient & dependable individual
* Excellent English. Excellent conversational fluency in Irish and very good French.Moderate Spanish.

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Higher Diploma Student Sept.2013 - February 2015

**SKILLS SUMMARY**

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| **Methodologies / Practices** | **Related Technologies** |
| Object-Oriented Analysis and Design | * UML 2.x, Design Patterns |
| Agile development | * JUnit 4, Mockito, Scrum, Jira / Greenhopper, Subversion (or Git) |
| Programming Languages | * Java, PHP |
| Relational Databases and Object-Relational Mapping | * MySQL, HSQLDB, JDBC (JdbcTemplate), Hibernate (hql) |
| Enterprise Development | * Spring Framework |
| Web Development | * HTML, CSS, Spring MVC, Tiles, Spring Web Flow, JavaScript, JQuery |
| Messaging / Distributed Systems | * JMS with Spring and RabbitMQ, REST*ful* web services, Spring RMI |
| Platform as a Service | * Cloud Foundry |
| Development Environments | * Spring Tool Suite, Eclipse, Netbeans |

Employment Details:

December 2007 - **Part-time consultancy (static testing)**

* Reviewing and generating test plans and guidelines,
* Defining test strategies for banking real-time software - Functional , performance , integration , regression , GUI

September 2006 - September 2007 I.D.C. Ltd., Mallow, Co. Cork Ireland ,**Business Development**

* Responsible for automating the office.
* Creating Brand, brochures, Stock systems(SAGE& paper), website, warehousing, liaising with customers and suppliers(local & international), invoicing, quotations(stocked and non-stocked items) etc.

August 13 2003 - August 13 2006 An Post, IRL **Postal Sorter**

February 2002 - August 2003 Connie Buckley Ltd Landscaping, Cork, IRL **Landscaper**

April 2000 - February 2002 Com21 Inc., Cork, IRL **Network** **Functional & Integration Test Engineer (Automation and Performance)**

* Generation of test plans and test guidelines
* Designed and implemented an isolated test network (DVB & DOCSIS standards) using traffic emulation (Smartbits) and switching to test Headend/modems under load conditions.Also to be used in H.Q. to verify reliability of shipping modems..
* Tests of advanced features of Administration software and HCX e.g. frequency hopping, load balancing, automatic software download, historical/billing information.

June 1993 - April 2000 Apple Computer Inc Cork, IRL **Network Functional & Integration Test Engineer ( Automation and Performance)**

Localization testing team- Mac OS X(Client and server),Mac OS 9.0 to Mac OS 9.1 (2000-2002), Classic MacOS & Maxwell testing- Mac OS 6.0 to Mac 8.6 ( 1993 – 2000), Mac OS X testing team(1998 -2000)

* Generating test plans and test guidelines from ERS’s
* Creating test tools to verify correct operation of the OpenTransport API stack.
* Also included : OpenTransport 1.0, MacIP shim and NetInfoManager stacks.AppleShare IP 6.0, RAID 5.0 ,GSM, analog modems, ISDN,Airport 1.0 and DOS Compatibility card.
* Benchmarking Mac OS 7.5
* Supporting trainers from the call center,localization test group and connectivity test group.
* Team Lead Apple Remote Access Server 3.0 & QuickDraw3D, automating test tools( build acceptance guideline documents)

October 1992 – March 1993 University College Cork,IRL, **Computer Laboratory Demonstrator** (C/C++)

* Involved hands-on instruction in C/C++ programming

Educational Background:

* Bachelor Of Science(Computers & Mathematics), U.C.C. 1991
* Higher Diploma In Applied Science,(Numerical Modelling), U.C.C. ,1992
* L194 Portales ,Open University Course, 2005
* Higher Diploma In Applied Science(Cloud, mobile & data analytics),C.I.T.,2015
* Programming languages: Java, PHP, Spring, Android, C, C++, Fortran, Mathematica, COBOL, Pascal, DBMS, CommonView, Window 3.0 ,Mac OS, GPSS/H, Lisp, Prolog, 8600/68000/PowerPC Assembler
* Scripting languages: VU 5, Applescript, Tcl/Tk,Mi5,bsh(shell), Segue
* AppleTalk ,TCP/IP, MacIP shim, OpenTransport networking/stacks course
* Unix training course/ Next OS training course/ RTOS training course – Windriver VxWorks
* Cisco IOS router and switching technologies
* Smartbits training course / ATM networking course (undertaken in Milpitas, USA)

Hobbies:

D.I.Y. and handyman,travel,computing & technology,general reading,Science & Philosophy, History, avid cyclist

**References Available upon request**