

CURRICULUM VITAE

Tracey Farrelly

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Skills

Strong problem solving, analytical and communication skills

Good working knowledge of Java, C++ & C#

Oracle /MySQL/ Sybase

Maven 1 & 3 / Ant

SVN /Git /Perforce

Jira/ Trello/ Peoplesoft

Unity Engine (predominantly 2D)

Amazon AWS

Cron

Spring MVC

Hibernate

REST

Eclipse /IntelliJ / Visual Studios / Netbeans / Matlab

Windows / Linux / MacOX

Jrebel / Charles/ Jenkins

XML / Python / HTML5 / Javascript / Json / Visual Basic /

Education

Trinity College Dublin, Post Graduate Research

2008 – 2011

Topic: Wireless Telecommunications (Continuation of BAI thesis)

Research Group: CTVR, The Telecommunications Research Centre.

Technologies included C++, XML, Matlab, some Python and OFDM (wireless technology).

Left due to insufficient funding.

I worked on a software radio project similar to gnu radio which ran on both Windows and Linux and thus I developed on both of these platforms.

My work mainly consisted of writing DSP components in C++.

Different combinations of these components could be wrapped in xml to achieve a flexible software radio.

In windows I coded using Visual Studios and on Linux I used Code Blocks.

This project made a lot of use of the boost C++ libraries.

I supervised projects using visual basic, C++ and C# as well as Matlab.

Trinity College Dublin, B.A.I, Computer and Electronic Engineering

2004 – 2008

Final Grade: 2.1 (Hons) – 69%

Dissertation Topic: Sensing for Dynamic Spectrum Access.

I studied Java and C++ in my 3rd and 4th year of this course.

Mount Temple Comprehensive, Clontarf

2004

Leaving Certificate CAO points: 485 (Top 10 percentile)

Subjects Studied: English, Irish, Maths, Physics, Applied Maths, German and Art.

Employment

Tweak.com, Java Developer

November 2014 – To Date (3 month contract)

Main Duties & Responsibilities:

In this position I worked on a variety of tasks including porting the Spring MVC backend of the existing white label site to a RESTful API, interfacing with the Amazon AWS interface in java to transfer content from existing hosting cloud space, updating to the current java and tomcat versions, profiling using new relic synthetics, batch scheduling using cron jobs and a host of other day to day development tasks. Development environment was Mac OSX with IntelliJ

Murex, Java Developer

March 2012 – April 2014

Main Duties & Responsibilities:

In this position I worked on windows/Eclipse development environment with the application running primarily on Linux with a Sybase or Oracle DB. The development cycle itself was agile with morning scrums determining the actions of the day. Primarily test driven development was used with the initial design and unit testing done in JUnit and integration testing done either via the murex test packages or using Fitnesse.

I started my position within Murex in the PAC (Performance and Architecture) team, working on writing a tool to replay customer activity with a view to improving the performance and identifying bottlenecks that would or had caused issues.

After this I moved to client support working with a team of developers maintaining and expanding the product to meet the needs of customers. My tasks ranged from quickly isolating and fixing client issues, to developing new client focused features. Along with other smaller projects and bug fixing, I worked on the refactor of legacy code in a particular module of the application. Within this I worked on the import/export of 'limits', essentially writing dom and sax xml parsers.

In this company the teams existed in different countries and so it was vital to be able to efficiently work remotely with other members of the company regardless of their geographical location.

Primarily working in Java, SQL and XML.

Technologies and tools that I used in this position include java, junit, Maven, Jenkins, SQL, hibernate, eclipse, ant, xml, unix, perforce, jira and peoplesoft.

BSB (both Dublin and Luxembourg offices), Java Developer

Feb 2011 – March 2012

Dublin: Feb 2011 - August 2011

Luxembourg: August 2011 - March 2012

Main Duties & Responsibilities:

Involved in the maintenance of the existing code base of over 30,000 classes along with the development of new features for the application including analysis, design and implementation of these solutions.

Work in a windows environment using eclipse.

The product was developed on a J2EE/Spring framework and used an Oracle database.

Application runs on jboss and more recently Apache Tomcat.

Technologies include Java, Oracle SQL and XML.

Trinity College Dublin, Department of Electronic and Electrical Engineering
2008-2010

Laboratory Assistant, Telecommunications Laboratories on Amplitude Modulation, 2008 - 2009

Teaching Assistant, Experimental Methods, 2010

Teaching and Laboratory Assistant, Electronics, 2010

Laboratory Assistant, Engineering Design (Hardware and Programming Support), 2010

Part-Time Employment

Fitzers Catering, Croke Park, 2008 – 2010

Regency Airport Hotel, Bar and Service Staff, 2006 - 2008/2000 – 2002

Jolly Toper Tavern, Bar and Service Staff, 2002 – 2004

References

On request