

Curriculum Vitae

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| Name: | Cormac Redmond | Address: | 18 Friar's Hill, Wicklow Town, Co. Wicklow, Ireland |
| Nationality: | Irish | | |
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Education

2003 - 2007 B.Sc. in Computer Applications DCU, Glasnevin, Co. Dublin

- First Class Honours
- Final year project: (No. 23) "*S3OnTheGo – A Secure Off-Site File Backup & Accessibility Solution based on the Amazon S3 Web Service*" (First Class Honours)
- Third year project: "*NF_LB - A Linux Kernel Module for Peer-Based Load Balancing*" (First Class Honours)
- Modules taken: Electronics, Advanced Computer Architecture, Mathematics, Logic, Data Structures and Algorithms, Systems Analysis, Languages and Computability, Advanced Operating Systems (Design and Implementation), Probability, Linear Algebra, OO Design and Implementation, Algorithms and Complexity, Artificial Intelligence, Computer Networks, Compilers Construction, Software Patterns and Metrics, OO Models, Technical Communication Skills, Computer Graphics, Multimedia Information Retrieval, Concurrent Programming, Distributed Programming, Real Time Embedded Systems, OO Analysis and Design

Skills

Programming: Proficient in Java, C#, Visual Basic, C/C++

Distributed Technologies: Experience with RMI, RPC, and SOAP web services/ applications and related frameworks

Web Technologies: A great deal of experience with HTML, Servlets, JSP/JSF, CGI, XML, CSS, JavaScript/DOM/DHTML, PHP, ASP/ASP.NET (1.1 & 2.0), Google Web Toolkit, and administrating Microsoft IIS, Apache, Tomcat, Weblogic

Databases: Well versed in PL/SQL, T-SQL, and administrating SQL Server 2000/2005, MySQL, and particularly installing and tuning Oracle

Common Technologies & Platforms: Experience with Spring, Hibernate, Ant, J2EE, COM+, .NET (mostly 1.1 & 2.0), Crystal Reports, BIRT Reports, SourceSafe/Subversion, Content Management Systems (Joomla, WordPress, etc), and recently some Adobe Flex

System Specification Methodologies: Well versed in modelling systems using SSADM, UML, Z

Development Environments: Very comfortable using Visual Studio, NetBeans, Eclipse, IDEA IntelliJ, etc

Operating Systems: Very competent in managing and maintaining UNIX (Linux, Solaris), OS X, and Windows systems (all versions), with a strong understanding of an operating system's design and implementation

Personal Skills:

- Excellent interpersonal skills
- Eager to work both as a team and independently, to achieve common goals
- Always motivated to learn and advance
- High personal standard with attention to detail
- Good business knowledge
- Enjoy working and dealing with people
- Excellent written and verbal communication

Experience

October 2010 – Present CarTrawler, Mount Saint Anne's, Milltown, Dublin 6.

My main day-to-date tasks on CarTrawler's rental distribution platform, included:

- Creation of high performance socket based caches, required to support high volume requests
- Design and implementation of various standalone robots for various purposes
- Development of market analysis tools & a client extranet web application
- Maintenance of inhouse reporting software

Within CarTrawler, the main technologies I worked with include: Java, Swing, Google Web Toolkit, SQL Server

January 2010 – October 2010 Aepona (formely Valista), Kilmacanogue, Co. Wicklow

Providing consultancy services on a major once-off project with one of the company's biggest partners, my roles varied from:

- Solving complex technical, deployment & performance issues
- Developing and overseeing the execution of various migration tools & processes
- Acting as a liaison between engineering teams
- Managing expectations to result in maximum partner satisfaction

Some of the key technologies I worked with include: Java, Weblogic, Oracle, Struts, and OTRS.

June 2007 – October 2009 Valista, Kilmacanogue, Co. Wicklow

Main areas of responsibility:

- Involvement in the development of the company's products and technologies
- Performance of developer module testing and performance of integrated bundle testing
- Maintenance of high quality programming standards
- Writing developer level documentation and assisting technical writer to create customer facing documentation

Within Valista, the core technologies which I worked with include: JSF, Hibernate, Spring, JUnit, XML, Linux, J2EE, Ant, Struts, and Oracle.

April 2006 – September 2006 Enterprise Ireland, Sandymount, Co. Dublin

As part of this six-month internship within the I.T. department, my responsibilities included:

- Carrying out business-process analysis and designing new information systems, while working closely with other departments
- Documenting & designing operating procedures as required
- Providing support for and maintaining all of the systems in the "Enterprise Ireland Business Applications" portfolio

Within Enterprise Ireland, the technologies which I worked with include: Visual Studio.NET, Visual Basic 6, COM+, HTML/JavaScript, C#, ASP/ASP.NET, SQL Server 2000, Crystal Reports v9.

February 2001 – March 2001 Network365, Kilmacanogue, Co. Wicklow

As part of a transition-year work experience program, my tasks at Network365 (now known as Valista) involved the testing of their latest software builds, setting up and administrating new Linux servers, and carrying out some general systems maintenance.

Interests / Activities

- Life-long passion for computing and technology
- Great interest in musical performance (playing guitar and percussion), having performed extensively with various musical setups (samba bands, cover bands)
- Interest in current affairs, politics, and general science
- Enjoy cycling, playing soccer and running regularly

References

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