



QA Engineer
Release Engineer
Software Engineer

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Andrew Mack

Professional Experience (Summary)

From	To	Company, Location
January 2010	Present	FNZ Australia, Level 57, MLC Centre, 19-29 Martin Place, Sydney 2000
Release Manager In addition to the duties of Release Engineer <ul style="list-style-type: none"> - Scheduled Releases for numerous projects to ensure no interference and reduce waiting times. - Liaised with infrastructure to set up a release service that reflects standards in the UK, creating one unified release method for global deployment. - Scripted and carried out regression testing in QTP against the latest code streams - Liaised with developers to ensure code was checked into the correct places and no errors were present prior to release 		
November 2008	November 2009	FNZ UK, 23 Silvermills Court, Henderson Place Lane, Edinburgh, EH3 5DG
Release Engineer <ul style="list-style-type: none"> - Responsible for setting up build boxes subsequent environments to be released to - Work with nant and c# to automate the release process and script running - Worked with Accurev version control to maintain code stream integrity - Worked with TeamCity to co-ordinate the builds previously created through nant and c# - Created other c# programs that monitor url's, allow for release of sql scripts and monitor effects of these scripts - Performed Troubleshooting on released code and scripts. - 		
June 2008	October 2008	Pilz GmbH & Co. KG, Model Farm Road, Cork, Ireland
Software Test Engineer <ul style="list-style-type: none"> - Responsible for testing on two of the main products provided by Pilz - Also provided administrator support for HP Quality Centre - Created automated tests using Quick test pro to make regression testing quicker. - Created test plans and reports for new projects 		
December 2007	June 2008	Harvey Norman, Little Island, Cork, Ireland
Salesperson, Computing Department,		
April 2007	November 2007	EMC Corporation, Ovens, Cork, Ireland
QA Engineer Participated in the quality assurance of Symmetrix software to be incorporated onto the Symmetrix Storage Unit. (EMC ²)		

- The Symmetrix Storage platform is widely distributed throughout the world and has an unparalleled level of security and reliability so QA engineering on their system was carried out to a strict set of rules.
- I worked as a part of the QAConfig group and we stressed the software and Equipment to its limit as much as possible, we set up numerous configurations of the systems and tested them very stringently to find and report bugs.
- The software and fixes we were testing always had to be perfect as the end result was it would be integrated into EMC² next code release.
- Regression testing was a big part of our daily testing to ensure that previous problems didn't reoccur, regression testing was automated in a lot of cases and could be easily implemented using EMC² in house system. Reporting of these tests and clearing the system for the next user was the main work load when doing regression. I also ensured that systems running regression code levels could be updated to the new code levels if the customer required.
- I also had to monitor and benchmark some of the tests to compare test runs from an old regression next to the latest code release.

September 2005/06	September 2005/06	Allied Irish Bank, Cork Institute of Technology, Bishopstown, Cork, Ireland
Bank Representative, Student Drive,		
March 2005	March 2007	Maplin Electronics, Blackpool Retail Park, Blackpool, Cork, Ireland
Technical Sales Assistant,		
October 2002	February 2005	Pendrix Display, Patricks Quay, Cork, Ireland
Store Room Administration		

Core Skill Profile

Programming languages/ utilities/ Skills	
Java JavaScript C++ nant Assembly Language/Assembler C	HTML SQL PHP Software / System Testing C# .Net Software Architecture
Database expertise	
MySQL, MS Access, SQL	
Operating Systems, Environments/Protocols	
Unix (Sun Solaris) Suse Linux Slax Real Time Systems(OS9)	Windows (Vista, XP, 2003 server, 2000, 98se, 98, 95, DOS) SIP, DHCP, TCP/IP, SMTP, IMAP4, ATM, POP3 and HTTP TCP/IP (Unix & PC environments), FTP
Networking/Telecoms background	
Network Design Network Engineering	SAN: Storage Area Network Ethereal(Wireshark) Protocol Analyser Network Analysis
Other Software Products knowledge/usage	
Microsoft Office (Word, Excel, PowerPoint, Visio) MS FrontPage	Macromedia Flash Adobe Photoshop

Academic and Professional Qualifications

2004 - 2008 **Cork Institute of Technology**
Honours Degree in Software Development and Computer Networking

Later received a McAfee sponsored award for Final Year Results

1999 - 2004 **Glanmire Community College**
Leaving Certificate

Further Formalized Training in:

- Cisco Systems (CCNA and CCNP course work)
- Storage Area Networks

References

Available on request.