**Craig Engelbrecht**

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Skills Overview

**Architecture** – Experience of working with different software architectures such as client-server, n-tier, layered, service-oriented (SOA), distributed and message-oriented.

**Application Design** – Good experience in designing and implementing object-oriented (OOAD/OOD/OOP) applications using recommended design patterns and best practices. E.g, Model-view-controller (MVC), Model-View-View Model (MVVM), dependency injection and Inversion of control. I have good exposure in *Test Driven development*, *Behaviour driven development* strategies.

**Development and Programming** – Hands on Experience with Microsoft.NET Framework 1.1/2.0/3.0/3.5/4.0/4.5, C#, Windows Communication Foundation 3.5/4.0 (WCF), Windows Presentation Foundation 3.5/4.0 (WPF), Entity Framework 3.5/4.0/5.0, ASP.NET 2.0/3.5/4.0, Windows Azure, SQL Server 7/2000/2005/2008, Visual Basic 6, JavaScript, Cascading Style Sheets (CSS), HTML, browser Document Object Model (DOM), eXtensible Markup Language (XML), XPath, XSLT, Structured Query Language (SQL), Transact-SQL (T-SQL). Using Visual Studio (VS) 2003/2005/2008/2010/2012, SVN, Jenkins, MSBuild, NUnit, MSTest, XUnit, Specflow, Resharper, RAMP, GIT.

As part of furthering my knowledge in technology I create mobile application using Xamarin and am very active in the Cape Town Xamarin User Group.

**Database Design and Administration** – Experience with Microsoft SQL Server development and administration including OS configuration, installation, schema design and normalization, key design, security administration, development of stored procedures, views and triggers, debugging production performance issues using Microsoft SQL Server Enterprise Manager 7/2000, SQL Server Query Analyser, SQL Server Management Studio (SSMS) 2005/2008/2012.

**Leadership** – Experience of leading a team to solve challenging problems with innovative solutions. I am passionate about technology, development practices, development processes, business, marketing and entrepreneurship. My focus is to see and understand the big picture of an organization and understand their business. I can communicate and clarify the organizations vision and strategy to others in an understandable fashion. Try to Empower, motivate and inspire others to rise to a challenge. Encourage and commend team members to improve and develop new skills.

**Management** – I am a Self-motivated, self-manager and goal-minded individual. I work towards my personal development opportunities for constantly improve and enhance skills. I like to take responsibilities, and work towards my commitments.

**Business Analysis** – Experience of gathering business requirements and collecting information from end-users by conversing about technology projects in language understandable by the business users and customers.

**Business Domains** - Asset Management, Medical Insurance, Life Insurance, Unsecured Loans, Secured Loans, Debt Consolidations etc.

Work Experience

**Team Leader (January 2013 to Current)**

Direct Axis Pvt. Ltd., South Africa

* Helped the teams on agile adaption using Scrum, Test Driven development, Refactoring and use of design patterns.
* Key role in development of new products like Debt Consolidation.
* Involved in regular sprint delivery for new project enhancements, new features and production fixes. Worked on critical modules like Banking, Documentation Systems, and Debtor System Integration.
* Working on (as per the need of sprint) Win forms 2.0, WCF, Window Services, nHibernate 1.1, Entity framework 4.5, SQL Server 2008, upgrading legacy remoting services, integration with S3 DB, telephony services.
* Enjoyed the process of taking old legacy software to new levels. New levels of testable software, newer technology, use of background process (instead of everything hanging), use of MVVM.
* Helping architect team to come up with Distributed design for the system, so Service oriented architecture can be used to take the system forward.
* Setup a Continuous integration server and build projects using Jenkins that executed MSBuild scripts on specific events. Script used to run to check build and test cases on each check in.
* Introduced behaviour driven design while re-factoring the banking system. Produced Requirement documentation using Specflow + Jenkins. Exported the continuous result on QA systems to give latest output.
* Came up with a new branching strategy for delivering bug fixes and minor enhancements while new feature development is occurring simultaneously.

**Senior .NET/Mobile Developer (March 2012 to December 2012)**

Metropolitan Health

* Worked on their WPF application to manage claims.
* Assisted the developers to setup their continuous integration server using TFS and introduced them to various branching strategies.
* Worked on creating their Android, iOS, Windows Phone and Feature Phone application.
* Creates Web services using Java and JPA consumed by the mobile applications.

**Senior .Net Developer (November 2007 to February 2012)**

DVT

* Worked on various domains including Unsecured Loans, Asset management and Retail.
* Companies that I assisted on project for where Direct Axis, Old Mutual, Woolworths, Alpha Asset Management
* Enhanced and developed new applications using C#, ASP.Net, SQL Server, Winforms, Web services/WCF, remoting services
* Performed a leadership role for the team at Direct Axis where I managed a team working within the Scrum Framework

**.NET Developer (August 2006 to October 2007)**

Allan Gray

* Worked on their Broker and Investor website
* The main technology used in the website was ASP.Net, XSLT, SQL Server and Web services
* Developed their secure login and maintenance of Customer Information module
* Developed the integration layer between the website and various system to retrieve relevant information

**Software Developer (August 2003 to July 2006)**

Intrepid Solutions/Viewnetic

* Joined the company directly after Technikon.
* Assisted the team developing a web based Accounting application
* Technology I worked on included CSP, Cache Object Script, Asp, SQL Server, HTML, Javascript
* Developed various web applications for a number of clients.

Education/Certifications

**ND: Information Technology 2001-2003**

*Cape Technikon*

**Microsoft Certified**:

* .NET Framework 4
* .NET Framework 4, Web Applications (ASP.NET)
* .NET Framework 4, Data Access (Entity framework)
* .NET Framework 4, Service Communication Applications (WCF)

**Fico Certified**

* Fico Certified Blaze advisor