



Carl Clark

Analyst/Programmer specialising in C# and Delphi

Resume

July 2009

CARL CLARK



SUMMARY

I am passionate about software development and love coding. I believe that a good understanding of a business and clear communication is important in providing accurate solutions to clients.

I enjoy leading small development teams and/or mentoring developers. I am a firm believer in knowledge sharing and get great satisfaction in seeing other developers learn and grow.

I have been a Delphi developer for 14 years and have thoroughly enjoyed using Delphi. I started developing in C and C++ many years ago and have enjoyed expanding my knowledge using C# and Visual Studio over the past few years. I am currently working on achieving Microsoft Developer Certification and expanding my ASP.NET portfolio.

Over the past 8 years I have been instrumental in the full SDLC of a manufacturing software solution. This system has helped develop the company from a small 15 employee company to a 190 employee company with the turnover that has increased 25-30% year on year. I get tremendous satisfaction in watching user's use my software on a daily basis.

I am looking forward to working in the Australian environment and learning the culture and am happy working as a 1 man development team or in a larger environment.

AREAS OF EXPERTISE

- Analysis and Development of Software Solutions.
- Development Team Leader.
- Software Quality Assurance.
- Database Design and Administration (Microsoft SQL Server).
- C# Programming with .NET 3.5.
- Delphi Programming.
- Training.
- ASP.NET.

WORK EXPERIENCE

Systems Director (Analyst/Programmer) and Shareholder

Laser Junction (Laser Profile Cutting and Precision Fabrication)

March 2001 - current

Responsibilities

- Systems / Business Analysis* – Analysing both information and business systems and processes. This analysis includes working with a variety of teams to establish cost effective solutions to realised issues.
- Database Design and Administration* – The design of Microsoft SQL Server databases used by in-house software solutions is my responsibility. I provide guidance to my development team members in the areas where they may need to create database entities. In addition to the design, security, backup and restore policies of these databases are my responsibility.
- Applications Programming* – I lead a small development team in the development of in-house applications. These applications cover predominately production software (MRP II – Manufacturing Resource Planning) but also include a variety of utilities to support other business processes. The applications are written in C# (Microsoft Visual Studio) using the .NET framework and Delphi. Developer Express (www.devexpress.com) component libraries have been extensively used in both the Delphi (VCL) and the C# applications.
- Web Site* – I am responsible for the design, implementation and maintenance of our company web site. This was initially outsourced to a web design company but has now been brought in-house and is being re-designed using ASP.NET.
- Team Leadership / Project Management* – As the company has grown, so the smaller systems have developed into larger scale projects and the development team has grown from 1 to 4. The manner in which the software development projects have been handled has also evolved into a more formal format, where projects have had to be justified to the board; deadlines, risks, and cost savings have to be justified. Design and programming standards have also been developed to ensure consistent development across the development team.
- IT/ICT Infrastructure* – In addition to my primary responsibilities of Analyst/Programmer I am responsible for the decisions around all aspects of the company's network infrastructure, from wiring to PCs to telecommunications to servers. All IT/ICT purchase decisions have to be authorised by me.

WORK EXPERIENCE (CONTINUED)

- Company Strategy / Management / Human Resources* – I am involved at the top level of the company in strategic decisions involving the company's vision, direction and strategic plans. This has included a variety of Human Resource responsibilities including recruitment.

Owner (Analyst/Programmer)

CazTec Computer Systems (Software Development Company)

1995 – March 2001

- This was my own company setup to aid in my consulting, specializing in systems analysis, design and development of customer solutions.
- I specialised in Delphi development and training.
- Together with a lawyer and marketing specialist I developed DebtCollector (www.debtcollector.co.za), a commercially marketed product to aid companies in the collection of bad debts.

IT Support

Crisp-Air (Pty) Ltd.

1992 – 1994

I was responsible for the installation, maintenance and support of a small Novell NetWare network.

TECHNOLOGIES EXPOSED TO

- ASP.NET.
- .NET 3.0 and 3.5.
- AutoCAD – Including an understanding of the DXF file format.
- Borland C++Builder.
- Borland StarTeam.
- Corel Paint Shop Pro.
- CorelDraw.
- Delphi 1 to Delphi 2007.
- Developer Express (DevExpress) .NET and VCL component libraries.
- Digital-Metaphors – ReportBuilder VCL reporting libraries.
- HTML.

TECHNOLOGIES EXPOSED TO (CONTINUED)

- Microsoft Access.
- Microsoft Office.
- Microsoft SQL Server.
- Microsoft Visual Source Safe.
- Microsoft Visual Studio 2005 and 2008 (C#).
- Microsoft VB.NET and VisualBasic.
- Paradox.
- QuickBooks.
- SharePoint.
- Trumpf Tops (dedicated laser cutting programming software).

VOLUNTARY WORK

- I participated in initiating the Durban Delphi User Group.
- I have donated Delphi source code to the Delphi-Jedi Open Source project.
- I was secretary for the Parent Teachers Committee and Governing Body at St Martin's Pre-primary School (my daughter's school) for 2 years (2007 and 2008).
- Developed a Dance Event Scheduling system for the SASAD (South Africa Society for the Advancement of Dance).

REFERENCES

Michael Fletcher | **Director, Laser CNC (Pty) Ltd.**
Telephone: +27 82 8599222 | Email: michael@laserjunction.co.za

Andrew Kemp | **Innovative Computer Solutions**
Telephone: +27 83 3032589 | Email: awakemp@gmail.com

Nicky Maehler | **Consultant, LuminiT Business Solutions**
Telephone: +27 82 7857856 | Email: nicky@luminit.co.za

Norma Wood | **Chairlady, SASAD**
Telephone: +27 82 5501507 | Email: springwood@worldonline.co.za

EDUCATION

Skills Assessment | **Australian Computer Society**

2007

Skills as an Applications & Analyst Programmer (ASCO 2231-17) successfully assessed.

Delphi Developer/Trainer Certification | **Borland International**

1997

Turbo C Programming (C++) | **Damelin Computer School**

1995

Achieved with Merit Award and Distinction.

CNA Certification | **Network Academy**

1995

MCTS Training | **IT Intellect**

2009

Attended the following courses to aid in my wish to achieve Microsoft development certification.

- MCTS 2541 – Core Data Access with Microsoft Visual Studio 2005.
- MCTS 2542 – Advanced Data Access with Microsoft Visual Studio 2005.
- MCTS 2543 – Core Web Application Technologies with Microsoft Visual Studio 2005.
- MCTS 2544 – Advanced Web Application Technologies with Microsoft Visual Studio 2005.
- MCTS 2956 – Core Foundations of Microsoft .Net 2.0 Development

Turbo C Diploma | **Damelin Computer School**

1993

Achieved with Merit Award.

Computer Data Processing (National Diploma) | **Technikon Natal**

1990 – 1992

- Basic (achieved with Distinction).
- Commercial Programming (COBOL) I, II, III.
- Financial Accounting I.
- Information Systems I, II, III.

EDUCATION (CONTINUED)

- Installation Management III.
- Pascal.
- RPG 2.
- Systems Software.

Matric Certificate | **George Campbell Technical High School**
1985 – 1989

- Afrikaans.
- Electronics.
- English.
- Mathematics.
- Science.
- Technical Drawing (achieved with Distinction and top school honours).

PERSONAL INFORMATION

Full Names

Carl Clark

Address

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Prestondale
Umhlanga Rocks
Durban
South Africa

Phone Numbers

- Home: +27 31 5663363.
- Work: +27 31 5663363.
- Cell: +27 83 7991335.
- Email: carl@caztec.com.au.
- Skype: carlclark267.
- Linked: <http://www.linkedin.com/in/carlclark>

Nationality

South African.

PERSONAL INFORMATION (CONTINUED)

Date of Birth

9 February 1971.

Marital Status

Married with 2 dependants.

Languages

English.

Leisure Activities

I enjoy watching motor racing and cricket, playing action soccer, building models and playing video games.

A full version of my CV with supporting documents is available on request.