

Tony Coupland

Date of Birth: xxx

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Profile

Applications developer with several years experience in many varied languages and platforms. Highly motivated, work to deadlines, a strong communicator and a good team worker. Enjoy taking on responsibility for a problem and relish the challenge of finding a good solution.

Technical Experience

Languages / Technologies	Experience
Windows development in VB, VB.NET and C#	3yrs
Windows CE development in C++	1yr
Web development in ASP.NET	1yr
Web development in PHP	1yr
SQL Server, MS Access and MySQL	2yrs
XML and Web Services	1yr

Employment History

xxx, July 2003 – October 2003 and July 2004 –
Software development and support – xxx, Pembroke

- Supported one major VB.NET/Fortran pipeline scheduling project through its transition from EDS to xxx.
- Developed several small web based utilities in ASP.NET to facilitate remote access for xxx employees and contractors, as well as providing more detailed client communication.
- Prepared the ground work for a research project which was completed for my final year project as part of my degree.
- Integrated the developed scheduling tool into a larger more comprehensive suite of utilities.
- Roles have included: Building and maintaining email, file and database servers, demonstrating products to clients, and providing telephone support.

EDS, July 2002 – July 2003

Industrial sandwich placement

Applications Developer – EDS, Wavendon Tower, Milton Keynes

- Primary developer for a .NET interface to a Fortran scheduling application. Application was taken from specification stage right through to client acceptance.
- Worked closely within a team of developers and was involved in both helping colleagues with their projects and having people working along side me as workload dictated.
- Given demonstrations to a group of clients and participated in interactive discussions about subsequent releases of software.
- Roles have included: Leading development, providing technical direction, and liaising with the client.

InTouch Business Technology, August 1999 – October 2000

Software Developer – InTouch Business Technology, Belper, Derbyshire

- Developed mainly Windows based bespoke database applications using Visual Basic and supporting Windows CE applications using C++.
- Provided telephone and email support for several of our products
- Installed products onto client sites and gave interactive demonstrations to management and end users.
- Roles have included: Individual software development, database design and providing technical support.

Education

Degree

Computer Science and Mathematics (Eq) 2:2 Hons
2000 – 2004, University of York

Modules:

User-Interface design, Implementation of programming languages, Computer graphics and visualization, Functional Programming, Principles of programming, Computer architectures, Algorithms and data structures, Operating systems and Semantics of Programming languages.

Galois Theory, Group theory, Number Theory, Topology, Matrices, Linear algebra and geometry, Probability theory, Calculus, Analysis, Vector Calculus, Linear Algebra, Newtonian Mechanics and Groups and Rings.

Dissertation:

Research into, and the development of, a utility to optimally schedule the use of refinery jetties for the berthing of oil tankers. The optimization goal being to reduce the fines incurred for delayed vessels, demurrage. The solution was provided using a hybrid of genetic and heuristic hill climbing algorithms along with a highly configurable set of constraints all written in C#.

A-Levels

1997 – 1999, St Benedict Sixth form, Duffield Road, Darley Abbey, Derby
Computing (A), Mathematics (A), Physics (B)

Interests

I am a great fan of the countryside and like nothing better than to tear around it on my mountain bike. I also like to travel, but recently haven't had as much chance to do this as I'd like due to various work commitments. At university I was an active member of my college, having been elected onto the JCR committee; running weekly bar quizzes and general day-to-day organizing of college activities.

In my spare time I have built and maintain a number of small websites for my college, friends and family.

Referees

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