

# Glenn T. Wallace

## MULTIMEDIA / DIGITAL ENGINEER

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### Introduction

You'll find faithfully presented below, an outline of my skills and work experience in the various capacities that exist for the generation of digital media, web and database software. The experiences of my career cover a fair range of industries, as I always find it interesting to learn the nuances of business processes and procedures that distinguish a wide range of different companies.

My background in computing began at quite a young age, starting humbly in the 8-bit era of the Commodore 64 and Apple 2, and my career spans the advancement of the generations since. The continually growing spectrum of digital platforms and technologies now in-use today, inspires me to continue learning about how to make useful programs which are easy to use, fast, efficient, and take advantage of cutting-edge modern practices and techniques.

I have a QLD Driver Licence and my own car. I am keenly seeking opportunities to work with great people on technology projects that help business run better. Currently situated in Redcliffe, Brisbane (northside), I maintain a complete home-office environment which is convenient and adequate for performing remote work as needed. Many thanks for taking the time to review my CV.



### Software Skills

The skills matrix below shows current software technologies, with a self-awarded star-rating to rate my proficiency with each.

#### Operating Systems

✓ Windows & MS Office	★★★★★
✓ Mac/OS	★★★★★
✓ Linux	★★★
✓ Android	★★
✓ iOS / iPadOS	★★

#### Microsoft Visual Studio

✓ C#	★★★★★
✓ VB.Net	★★★★★
✓ Classic ASP (VBScript, VBA)	★★★★★
✓ ASP.Net (Webforms)	★★★★★
✓ .Net 6 (dotnet core)	★★★
✓ MVC (Bootstrap, Vue.js)	★★★
✓ Xamarin	★★

#### Web Technologies

✓ HTML 5	★★★★★
✓ CSS 3 (responsive)	★★★★★
✓ JavaScript, JSON	★★★★★
✓ jQuery, Bootstrap	★★★★★
✓ SVG & Web3D	★★★★★

#### Servers

✓ MS IIS / Kestrel	★★★★★
✓ MS SQL Server	★★★★★
✓ Azure DevOps / GIT	★★★
✓ Node.js	★★

#### Adobe Creative Suite

✓ Photoshop	★★★★★
✓ Premiere Pro	★★★★★
✓ Acrobat	★★★★★
✓ Media Encoder	★★★★★
✓ Illustrator	★★★★★
✓ In-design	★★★★★
✓ Soundbooth	★★★
✓ After Effects	★★★

#### Studio Skills

✓ Video Camera	★★★★★
✓ Photography	★★★★★
✓ Copywriting	★★★★★
✓ Printing	★★★★★
✓ A/V Presentations	★★★★★



## Experience



### Phormulae Enterprises / Lead Engineer & Managing Director

APRIL 2021 – NOW, REDCLIFFE QLD

ABN 63 648 768 852 > This is my own company, in partnership with Jeremy Jacobs. Our portfolio of client Case Studies, and a shopping-cart based products and services guide, can be found on our website. A brief look into who our clients are, and the work we do for them is also shown below, in this section.

See [phomulae.com](http://phomulae.com)

### Barcode Qld / Software Developer

AUGUST 2020 – NOW, YEERONGPILLY QLD

On-going programming and technical support of back-end systems and web portal for live-running "Comtrack" commodity-tracking systems. The system is for Barcode Qld's mining and renewable-energy industry clients. The systems have been running reliably for many years. Built on SQL Server and IIS, using Microsoft .NET Framework 4.

See [barcode-qld.com](http://barcode-qld.com) and logo design (left).

### City Fertility / Senior Programmer

MAY 2019 – AUGUST 2020, NEWSTEAD QLD

Support and on-going development of a bespoke web-based database system for inter-departmental coordination, daily data-entry, tracking operations and reporting of statistics for a chain of IVF clinics. Technical support, full-stack, web graphics, MS-SQL, ASP classic legacy with progressive upgrading to Dot Net Framework 4, VB.Net, C#, jQuery UI, bespoke WebRTC/WS implementation for real-time data-entry crucial to the pace of laboratory scientists; EDI and patient portals. See [cityfertility.com.au](http://cityfertility.com.au)

### Overseas Travel > Nepal & Bhutan

JUNE 2018 – JULY 2018

See Deanne Scanlan Travel (below).



### Deanne Scanlan Travel / Producer, Camera Operator (on location)

NOVEMBER 2017 – NOW, CABOOLTURE QLD

See [enticingbhutan.com](http://enticingbhutan.com) and the final documentary [youtu.be/Jp4e7jEKa6s](https://youtu.be/Jp4e7jEKa6s)

See also, logo design (left).

### Healthy Living with Aloe Vera TV / Anchor Presenter and Producer

MAY 2015 – NOW, NOOSA QLD & REDCLIFFE QLD

Angie Andrews is currently seeking VC/investors, to produce a full season of episodes.

See [angiesmartbooks.com](http://angiesmartbooks.com) and promotional videos [youtu.be/jmHQsQFqxmQ](https://youtu.be/jmHQsQFqxmQ)

### Platypus Networks / Senior Digital Engineer

AUGUST 2010 – APRIL 2019, YEERONGPILLY QLD

Application development, web development, database development and UX design, for a suite of unique bespoke database portals (unavailable on www). Full-stack Microsoft, MS-SQL and Linux. Key clients include: City Fertility, Evolution Mining, Ray White, RE/MAX, ENData, Barcode QLD, and more. See [platypus.net.au](http://platypus.net.au) - [qldni.com.au](http://qldni.com.au)

### Guys n' Dolls Revue / Committee, marketing, cast and crew

MARCH 2011 – NOW, MANGO HILL QLD

Some serious types consider it a "hobby" because it's completely voluntary. I am here to sing, dance and act out the fact that this role provides some truly fantastic work experience in the entertainment industry. Performing, singing, dancing, video-recording, DVDs, promotional graphics for tickets, programmes, posters, soundtrack sequencing/remixing and backdrop projection. See [guysndolls.net.au](http://guysndolls.net.au)



### Phormulae Presence / Managing Director (sole-trader)

FEBRUARY 2009 – NOW, GREATER BRISBANE & SOUTH-EAST QLD

ABN 59 294 190 832 > I am "The Multimedia Man." I come from down your way, and I can pla-ay... What - can - you - play? Honestly, you name it, and I'll find a way!

See [phomulae.com](http://phomulae.com), music video [youtu.be/98DgRSfB5rY](https://youtu.be/98DgRSfB5rY) and logo design (left)

### Smart Sands Advertising / Web Developer

JUNE 2006 – JANUARY 2009, SOUTHPORT/BUNDALL QLD

Coordinated traditional, and web-delivered marketing; technological implementation of web applications, campaign sites, interactive Macromedia/Adobe Flash presentations, booking systems and content management systems, a big focus on "brand" development and "playing the devil's advocate" when conceiving and copywriting. Key clients: Gold Coast City Council, Retail Food Group, Currumbin Wildlife Sanctuary, Gold Coast International Hotel, Trade Travel and Somerset College. End-to-end account micro-management, project management, full-stack Microsoft, web application design, development, e-commerce, working with design graphic designers, IT support, monthly website statistical reports and client billing.





## Experience CONTINUED...

### **Newbase / Database Programmer**

DECEMBER 2005 – MAY 2006, BRISBANE QLD

Technical and programming support for in-house CRM systems for providing computer technical support to Brisbane businesses. Support and extension of legacy databases, using MS-SQL 6.5 and 7, with an MS-Access front-end.

### **QLD Ambulance Service / Migration Support Officer (contract)**

JUNE 2005 – DECEMBER 2005, SPRING HILL & KEDRON QLD

As a technical resource, portal developer, and IT support to QAS call-centre consultants to maintain effective customer contact with regards to community safety and education services, through the transition to Smart Service QLD government call-center. Inheritance and further development of an Asset Tracking System for the QAS Baby Capsule Hire Service, including state-wide liaison, user acceptance testing (UAT) and face-to-face training. Full-stack Microsoft, VB.net, ADO.net, classic ASP, MS-SQL, Java. Provided proactive support, 3rd-party liaison, data-washing and maintenance of existing mission-critical code to maintain a satisfactory level of system efficiency.

### **Overseas Travel > Peru / Lima and Arequipa**

FEBRUARY 2005 – APRIL 2005

### **Deakin KM Total Learn / Multimedia Developer**

APRIL 2004 – FEBRUARY 2005, DICKSON ACT

Construction of electronic learning products using HTML, ASP, SQL Server/MySQL, PHP, and proprietary software "Knowledge Presenter" assisting in beta testing, feature suggestions and e-learning development for federal government clients, e.g. AEC Australian Electoral Commission (RMANS) and HCI Health Insurance Commission .

### **Canberra Security Service CSS / Hotline Agent and IT Technician**

FEBRUARY 2004 – APRIL 2004, LYNEHAM ACT

An interesting insight into how a back-to-base security company functions using copper twisted-pair technologies and good people on the phone. Ultimately, I had challenges with the 5am starts in winter and customers' rightful tendency to be quite emotional.

### **"Blue Wire" & "The Hit" / Video Editor, on-location crew, extra**

SEPTEMBER 2003 – JANUARY 2005, WODEN ACT

Films by director Michael Richards, Canberra (Sept. 2003 – January 2005). Video editing using Adobe Premiere, sound editing and video-graphics. Assisted on-set with lights, cabling, cameras, microphones and logistics. Also appeared on film as an extra.

### **Catalyst Interactive / Senior Software Engineer and Web Developer**

JUNE 2001 – DECEMBER 2003, FYSHWICK ACT

Software analyst and programmer for Windows 95/98/XP desktop applications and web-based e-learning database applications. Full-stack chief software architect for the company's enterprise-level e-learning suite, LearnSwitch® Enterprise, using MS-SQL, Visual Basic 6, Classic ASP, JavaScript and cross-browser DHTML. An awesome portfolio of high-profile and government clients including, College of Law, DFAT Passports Office, National Audit Office, Australia Business Limited, NSW Police and Alcoa International.

### **Xpress Australia / Desktop Publisher and Web Developer**

MAY 1999 – APRIL 2001, TWEED HEADS NSW

Entertainment media production and distribution. QuarkXPress. Full-stack web development, e-commerce, in-house IT support for a combined Mac and Windows environment, online subscription club and e-commerce store management using Classic ASP MS-Access and Filemaker Pro 5 for in-house CRM databases.

### **REDEC China Shop / Retail Assistant**

JUNE 1996 – MARCH 1997, ROBINA TOWN CENTRE QLD

Part-time job while switching university courses, at a prestige homewares store.

### **Andrew C. Wallace Tiling Service / Labour-hand (work experience)**

AUGUST 1994 – MAY 1996, JIMBOOMBA QLD

The best parents teach their children about the family trade, while also helping to open up greater opportunities by encouraging their interests and endeavours. In my case, by starting me on a Commodore 64 in 1984, and then an AMD 386-DX40 in 1993, but I also learned normal things too – like how to ride a horse and how to play the guitar.





## Education

**Griffith University / Bachelor of Multimedia BMM**  
FEBRUARY 1997 - MARCH 2000 (Graduate), SOUTHPORT QLD



**GPA [ 5.8 ]** ~ above average

This was an exciting degree involving an all-encompassing view of the past, present and future of multimedia information technology. A mix of essential design principles, project management, programming skills, data communications, with the use of various multimedia software packages from Adobe and Macromedia. Digital media production, data compression, cognitive psychology, UX usability, accessibility and VR virtual reality covered in-depth by professionals in the respective fields. Specialisations in digital music/audio production, video production and computer programming languages.

- Information systems, Microsoft Office applications and SQL **High Distinction**
- Application design & programming principles (C++, Pascal, Java) **High Distinction**
- Digital video production and MPEG video compression **High Distinction**
- Instructional design for educational games and e-learning **High Distinction**

**Beaudesert State High School / Year 12**  
JANUARY 1991 - NOVEMBER 1995 (Graduate), BEAUDESERT QLD



**OP [ 6 ]** ~ top 20% of QLD    **QCS [ A ]** ~ top 15% of QLD

Very high academic achievements in English, Japanese, and Film & Television (Deluxe Paint on Amiga). Avid-involvement in extra-curricular activities, taking the coveted roles of computer-lab monitor and school newspaper layout manager (PageMaker on Windows 3.1). Participated in Rock-Eisteddfod dance competitions in 1994/95. Opportunities abounded to learn the basics of multimedia on Commodore Amiga and IBM computers. Received top feedback on my artistic abilities, assignments both individually and as part of a group, usually taking leadership roles. Self-taught Borland Turbo Pascal 7 in lunch breaks from Year 10, so I elected to do Japanese rather than IPT (Information Processing Technology).

- English [ A+ ] ~ top 15% of QLD
- Film & Television [ A+ ] ~ top in class of 25
- Multistrand Science [ A+ ] ~ top in class of 120
- Japanese [ A ] ~ 4th in class of 15



## Referees

**Craig Hutchins** (Mr)  
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