John Bowskill

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# Summary

I am an experienced application developer with a long and varied work history. Most recently I developed an Android app called Monitor Lizard for charting veterinary anaesthetic procedures. It involved designing and programming (C) an embedded microcontroller to stream data via Bluetooth to the Android app which logged and uploaded via a dot net web service to an SQL Server database and displayed reports via a web forms app created in Ironspeed Designer. I am proficient in Java, C and VB.Net and could easily work with C#. I am adaptable, understand business and can manage people. My interest is particularly in medical applications.

# Experience

## DIRECTOR, Vetbench Pty Ltd | 2016

* Established this company for the marketing of “Monitor Lizard” – an Android app I created for paperless anaesthetic logging and reporting (www.vetbench.com).
* The full system includes a self-designed microcontroller PCB coded in C, a VB.Net web service, an ASP.Net web forms app, MS SQL server database and native Android app written in Java and created with Android Studio.
* Reverse engineered internal serial communications protocols of a popular multi-parameter vital-signs monitor and developed a “serial sniffer” PCB to intercept internal data streams and broadcast them via Bluetooth.

## Mt Helena Veterinary Clinic | 2003-16

* Integrated an IP phone system based on Asterisk into the management system.
* Created a working prototype CCD based x-ray imaging device.
* Developed several in-house apps on the intranet and extranet including for payroll, staff rostering, accounting and KPI dash-board.
* Integrated a new medical sensor into a legacy device, interfaced to blood test machines and digital x-ray imaging system.

## Department of Sport and Recreation | 2006-08

* Developed various online MS SQL databases using Ironspeed Designer for rapid prototyping.

## BATAMFAST, SINGAPORE | 2004-06

* Developed an online reservation and ticketing system in VB.Net for an operator of fast ferries between Singapore and Indonesia.

## RIO Tinto | 2003

* Contractor for an Active Directory integration project.

## TURBO-CAT, SPAIN | 2002

* Developed an online reservation and ticketing system in Microsoft ASP for a Spanish ferry operator.

## Streamtime | 1999-2002

* Pre Youtube, I operated my own business recording conference presentations for online delivery of sychronised audio/video/slides.
* Developed an automated multimedia authoring system using Visual Basic and Realmedia.

## Harman IT | 1996-99

* Part of the management team for two years.
* Worked on SOE projects and other applications for Hammersly Iron, Hismelt, Rio Tinto and the Education Department.

# Education

## Post Graduate Dimploma in Computer Science | 1989 | University of Melbourne

## Bachelor of Veterinary Medicine and Surgery | 1985 | Murdoch University

# Other

My interests include playing ice hockey, sailing and circus.

I am currently the Treasurer on the board of CircusWA.

From 1999 to 2002 I was the chairman of the Australian Computer Society special interest group in ecommerce.

# Referees

## Paul Gannaway, ASIANFAST Marine Group CEO

* ceo@asianfastgroup.com +65 62700311

## RON MelLenbergH, Sound Veterinary Equipment CEO