

James Wilkinson

3 Victoria Glade,
Gashouse Hill,
Netley Abbey,
Southampton,
Hants SO31 5AP

023 8045 6076
07748 992874
James.Wilkinson@jwit.co.uk

- Objective Self employed IT Consultant specializing in web and database application programming and development. Particular focus on practical end to end IT and Web applications for small companies
- Location Southampton.
- Strengths
- o Extremely wide technical knowledge & vision, particularly software, middleware, the interface between hardware & software, networking, and Web & Internet technology.
 - o Skilled and prolific programmer (wide range of languages, but most recently PHP, Visual Basic/VBA, Perl, C, C++)
 - o Database development in MySQL and Access
 - o Rapid assimilation and integration of new technologies
 - o Strategic planning skills
 - o Excellent presentation skills
 - o Ability to communicate ideas verbally and in writing to technical and non-technical audience
- Experience 2001 - Current Independent IT Consultant

Summary

Implemented a number of small company projects, database and web applications, principally in PHP/MySQL and / or Access.

Mercator Media (www.mercatormedia.com)

Mercator Media provide a number of engineering and marine industry related publications providing directories of services. This project included setting up a number of back-office Access databases for capture of Directory Data and output in Quark compatible format ready for formatting and printing as hard copy directories. The same database is then exported to web applications implemented in PHP / MySQL to present the same directories online with only minor differences between applications. The project included design of all these websites.

Administration areas permit online modification and administration of all these directories.

This end-to-end application is currently live for the Engineering Capacity Association's Capacity Directory (<http://www.engineeringcapacity.com/>), the Marine Services Boating Directory (<http://www.boatingbusiness.co.uk/>) and the Seawork Exhibitions Online Exhibitor Directory (www.seawork.com).

The Maritime Journal website (www.maritime-journal.com) includes a subscription application form, including application administration.

Hamble River Sailing Club (<http://www.garminhamblewinterseries.co.uk/>)

Implementation of various web database applications associated with the Hamble Winter Series. These included a full database driven entries and results service and Crew/Boat matchmaking register

Also includes an Access Database application to handle entries, results, etc., integrated with the web results system for easy upload of results, entries, etc.

RYA Events Website (<http://www.ryaevents.org.uk/>)

Implementation of a multi event website class association website, including member authentication, bespoke calendar application (includes related documents, results, reports, etc.), message board, members photo gallery, advertisements and member directory.

GBR 420 Class Association (www.420sailing.org.uk)

Implementation of a class association website, including member authentication, bespoke calendar application (includes related documents, results, reports, etc.), message board, members photo gallery, advertisements, online entry and member directory.

International 420 Class Association (<http://www.420sailing.org>)

Implementation of an international class association website, including member authentication, bespoke calendar application (includes related documents, results, reports, etc.), message board, photo galleries, advertisements, content management

29er Class Association (<http://www.29er.org.uk>)

Implementation of a class association website, including member authentication, bespoke calendar application (includes related documents, results, reports, etc.), message board, members photo gallery, advertisements.

Sigma 38 Class Association (<http://www.sigma38.co.uk>)

Implementation of a class association website, including member authentication, bespoke calendar application (includes related documents, results, reports, etc.), message board, members photo gallery, advertisements and content management.

IRM Class Association (www.irmclass.com)

Implementation of a class association website, including member authentication, calendar application (includes related documents, results, reports, etc.), crew register and member directory.

Lukas Restaurant (www.lukas.ie)

This website includes menus and wine-lists controlled by a database application, permitting the restaurant owners to update these details via an administration area.

Focus Offshore (www.focus-offshore.com)

A simple website with no code or database capability.

Experience 1997-2001 Avatar Interactive Ltd. (ex Town Pages UK Ltd.) **Alton, Hants**

Summary

Headhunted 1997 from IBM to join an Internet startup company as Head of IT to provide a network of free-to-use Internet kiosks throughout the UK. The Kiosks to feature the Town Pages Information Service utilizing Web technology to provide Local Community Information and Business Directories covering 1,400 towns & cities throughout the UK.

Knowledge and experience of eCommerce, B2B Marketplaces, Internet Programming, Internet Technology, IP Networking, Local & Wide Area Networks, Kiosk Technology, Unix & NT Operating Systems, WebServer Hosting.

- Built IT team from scratch to a peak of 18 people comprising
 - Network Engineers
 - Technicians
 - Programmers
 - Database Administrators & Developers
- Architected and managed conversion of Town Pages Information Service Website from simple hierarchical HTML design to complex database driven website comprising Oracle Database, Java Servlets, Cold Fusion.
- Designed & created internal network & IT infrastructure to support company of 80 employees at its peak, including dial-up access for tele-workers & satellite offices.
- Architected Wide Area Network (WAN) & Datacentre to support 3,500 Internet kiosks
- Created & managed selection process for selection of appropriate kiosk model. Architected Kiosk Software Platform & Monitoring Service
- Built up own Data Centre to host kiosk connectivity, Town Pages Information Service & large numbers of 3rd party websites, including eCommerce enabled websites.

Experience 1974-1997 IBM UK Laboratories Ltd. Hursley Park, Winchester
 Summary
 Total of 23 years with IBM UK Labs, in various roles - programming, software design, IBM PC system architecture and product development, including work on various IBM PC display adapters, IBM PC video device drivers, desktop conferencing and the MQSeries kernel.

Most Recent Skills: C; C++; Visual Basic; Windows Application Programming; Windows Device Driver Programming; Windows NT; Unix; MQSeries

Specific Projects

1995-1997 MQSeries – Kernel Development

- Responsible for major functional enhancement of MQSeries kernel
- Architecture, design & implementation responsibility for segmented & grouped msg capability

1992-1995 P2P – IBM PC based Desktop Conferencing Product

- Responsible for design & implementation of Visual Programming Interface to P2P
- Additional responsibility for P2P development daily build process

1991-1992 (Boca Raton, Florida) IBM PC Development - Display Adapters

- Lead Software Designer for IBM PC Display Adapters & Device Drivers for Windows & OS/2
- Lead role in technical transfer of IBM PC Display Adapter mission to IBM Boca Raton.

1985-1991 IBM PC Display Adapter Development

- Display Adapter Design & Architecture
- Device Driver Development - Windows, OS/2 & DOS Device Drivers
- Member of Joint Working Group with Microsoft Corporation on Display Adapter technology
- Promotional demonstration software & Product demonstrations

1974 -1984 Miscellaneous Development Software

- Demo software, Disk Drives Test Software, Circuit Design Automation software.

Unrelated
Part Time
Employment

Professional Race Officer
(Yacht Race Management - Part time consultant – 20-25 days per year)

- Responsible for on-the-water organization of major yachting events
- Includes Rolex Commodore's Cup, Champagne Mumm Admiral's Cup, Red Funnel Easter Regatta, IRC National Championships, IRM National Championships, Hamble Winter Series.

Education

Schools 1964 -1968 St.Columba's College, Dublin

1968 -1969 The High School, Dublin

University 1969 -1974 Dublin University (Trinity College)

1st Class Hons degree in Mathematics & Computer Science