

# Barry Robinson

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Mob: 0777 079 1061

## EDUCATION

### Kingston University

B. s. c (2.1) in Information Systems Analysis and Design - 1991 - 1995

### Quarry Bank, Liverpool

Attend from 1977 – 1980

## PROFESSIONAL EXPERIENCE

### Photographer / Owner - New Street Photography

June 2012 - Present day (5 years approx)

New Street Photography provides a range of services to a variety of clients from corporate events, to fashion, portraits and stock photography. My work can be seen at <http://newstreet.photography> which was developed using WordPress, with custom CSS alterations.

### Photographer/ Owner at 1ML Studios

September 2005 - March 2014 (8 years 7 months)

Founded a photographic studio producing and selling fine art photographic prints and merchandise on the internet through various online outlets such as Fine Art America, iStock, ImageBrief, and RedBubble. All these services are now managed by "New Street Photography".

### Freelance developer, consultant, mentor, and trainer.

2001 to 2005 (4 years)

Worked as a freelance developer, trainer, and mentor working in Java, J2EE, C/C++, Assembler, as well as product integration and testing for a range of clients from blue chip corporate, to local small business providing both technical tuition, mentoring and consultancy as well as business research and development.

### Senior Consultant at Valtech UK Ltd

January 2000 - December 2001 (2 years - approx)

#### Job Description:

Development of internal and external B2B e commerce solutions, systems and full development life cycle training, mentoring, including sales support through pre sales consultancy and development of whiteboard architectures.

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## Main Accomplishments:

- Trained newly hired employees using a "boot camp" originally developed for the initial intake at Riversoft. I repurposed the concept to reduce expenditure by Valtech on newly hired consultants, sourcing intelligent graduate candidates, and training them to the high technical standards required by the company to deliver the best possible solutions to clients. This strategy allowed us reduce overall hire spend for the year through reduced wages demanded by seasoned professionals with the experience to command high salaries.
- Mentored internal and external employees in the development large multi user system with a combination of Rapid Iterative Prototyping and Object Oriented Designed Methodologies [UML] to deliver scalable, multi user, multi-threaded systems deployed with J2EE and other distributed component technologies.
- Developed Java/J2EE B2B solutions for both internal and external client and stakeholders.
- Led a team to examine and propose solutions for ongoing attacks to the company's internal network, and external servers. At the time Valtech held sensitive information for multiple banking and financial institutions worldwide, as well as proprietary internal data. The team produced a report that formed part of that year's business strategy, and was subsequently published as part of the general business plan for Valtech UK.
- Provided pre sales consultant in order to evaluate customer system requirements, and formulate whiteboard architectures for potentially viable systems solutions in order to secure high value contracts.
- Developed architectures for a number of systems that were later implemented for blue chip clients.
- Delivered training and mentoring in the use of development methodologies and programming languages and technologies including Rapid Iterative Prototyping using Object Oriented Design & Development, Unified Modelling Language, J2EE, both in house and on customer sites.
- Was instrumental in identifying and exiting from a non-profitable contract that would have locked the company into a long term, and potentially damaging contract, to provide backup consultancy services to a second party consultancy group.
- Developed the information systems architectures for blue chip clients.

## Senior Research Engineer at RiverSoft Plc

June 1996 - December 2000 (4 years 7 months)

### Job Description:

To prototype front and back end components of the Riversoft Open River network management system, evaluating and hiring new staff, implementing and managing the company network, implementing source code and quality control mechanisms, as well as finding innovative ways to do everything in the most cost effective manner possible.

### Main Accomplishments:

- Implemented the initial GUI prototype in order to demonstrate the effectiveness of the Open River network management server to potential investors, thereby securing funding to facilitate grow of the company.
- Implemented, configured, and managed a simple but high capacity network based around a Linux server, and multi-platform machines to fulfil the development and administration requirements of a growing organisation. This task was later handed over in full to a more qualified and experienced Sys-Admin.

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- Developed and documented coding standards and practices, including code documentation standards, monthly and weekly reviews and walk-through and assessments, along with source code control and revision systems based around RCS to ensure code transparency and quality.
- Developed a multi-threaded, cross platform architecture to deliver a scalable GUI message based infrastructure to allow end users the opportunity to develop custom “Widgets” through a C++ API framework.
- Developed a boot camp program to hire graduates and doctorate researchers in mathematics and computer science, then train and mentor them in structured development techniques in order to deliver the highest quality product on time and within budget.
- Managed and lead a team of six programmers responsible for development and design of the Human User Interface to the existing network management server, including Window, Java, and web based front ends.
- Put in place on going procedures to continually evaluate skills gaps, identify training requirements and opportunities in order to focus resources on the right people at the right time to maintain parity with best practice in the industry.

## Senior Software Developer at Micromuse Plc

1995 - 1996 (1 year)

### Job Description:

To develop, maintain, support, and debug components for the Netcool Omnibus network management system built around the Sybase API, on windows, Sun OS, HP UX, and Linux using a variety of tools and techniques and programming languages and APIs.

### Main Accomplishments:

- Started as a junior developer, and rapidly graduated to a senior development role.
- Developed probe and gateway service and demons for Netcool Omnibus to capture, export, and import data to and from external systems and devices such hardware network components, databases, helpdesk ticketing systems such as Remedy.
- Developed GUIs and GUI components on Windows 95, NT, HP UX, and Solaris using a range of technologies and tools including Visual C++, MFC, GCC, G++, as well as flex and bison for configuration data.
- Developed and debugged server side systems in C and C++ using ADB, GCC, VI along with Sybase and Oracle API's, TCP/IP socket layer and UDP protocols.
- Created the architecture for, and implemented, the first fully functional security protocols for the Netcool Omnibus server.
- 1<sup>st</sup> line emergency technical support to remote and local clients.
- Introduced and implemented OODD practices, Source code control, and revision control systems using RCS to insure dependable code quality, and non-destructive editing.
- Helped to develop what is now a key component of the IBM [Tivoli management Framework](#).

## PERSONAL

At RiverSoft I was the first employee through the door in the morning, and the last one to leave at night! My faith and hard work in the company was rewarded with 175,000 shares [not options] which were given to me personally by two of its senior board members, and personal friends [Sir

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Campbell Frasier – Chairman of Dunlop 1971, Head of the CBI 1981, and Sir Trevor Robinson CBE - Trevor Robinson & Co].

I have a lifetime fascination with the way in which technology shapes our world, and maintain a several meta-blogs through “Flipboard” on various subjects ranging from quantum computing and its impact on applications such as cryptography and cyber security, to mobile technologies, AI, and emerging technologies like Internet of things. The way in which our world is constantly changing, and its implications is a fascinating subject.

I’m also a professional photographer, and currently run a business providing authentic social media content and stock photography to large and small organisations [through New Street Photography], as well as business and systems consultancy [through New Street Creatives].

## REFEREES

Phil Tee:

Current CEO & Chairman of Moogsoft previous CEO/CTO RiverSoft

Email: [phil@moogsoft.com](mailto:phil@moogsoft.com)

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Paul Bradbrook

Director of Positive Returns previous MD Valtech UK Ltd

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Trevor Robinson CBE

Director of Northern Trust Global Services Limited Previous Trevor Robinson & Co plus

Senior Board member of, and investor in RiverSoft

Email: [tr@tric.eu](mailto:tr@tric.eu)

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