Richard Northcott

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Profile

An enthusiastic and experienced software developer, bringing products and services to an industry where there's only one chance to deliver. A thorough understanding of relevant technologies, in partnership with the unique and constantly evolving requirements of live events, enables the delivery of innovative and eye-catching solutions, often under significant pressure and the tightest of deadlines.

Highlights

Expertise: Broad range of experience with software packages and coding environments. Highly competent with IT and AV-related equipment. Enjoy projects which combine both software and 'real world' hardware. Good interpersonal skills, many of my previous roles have featured elements of both project and client management. Considerable time spent working onsite for events both in the UK and abroad.

Languages: Native English, fluent in French

IT skills: **Development**
24 years' experience in MS development platforms and software products under the .NET framework (VB & C#). Development of MVC, ASP, WebForms and WPF applications using VB.NET. MS SQL Server, Adobe AS3, Java

Scripting
Raw authoring in HTML5, good working knowledge of CSS, JavaScript, JQuery, Bootstrap framework

Multimedia/Graphics
Highly proficient in Adobe Flash, Photoshop and Illustrator. Video editing in Adobe Premiere and Apple FCPX

Microsoft Office
In-depth knowledge of core Office applications, including MS Access and Visio. Development of scripted solutions in VBA (Visual Basic for Applications) to suit various projects

Education

1988 – 1993: St. John's School Leatherhead 3 x A-levels, A grades in Mathematics and Physics 11 x GCSEs grade A-C

1993 – 1997: Mechanical Engineering with Foreign Language (2.1 Hons.) from University of Bath

Career History

Lexus Nexus Digital Publishing (formerly Butterworths)

April 1998 - September 2000

Butterworths were transitioning from printed media (to the legal profession) to electronic content

- Responsible for organising and converting digital content into compatible format for both the company's own proprietary BOS platform (Books On Screen) and Folio Views.
- Oversaw the CD authoring and mass production process
- Latterly implemented HTML content for use online in NetBOS, in the early days of the Internet

Multimedia Specialist, Elliott Associates

September 2000 - April 2004

A core member of a team of 8 people in a well-respected production company. Provided a range of multimedia solutions to support both live events and offline marketing activity

- Development of innovative software solutions including a client-server 'Audience Participation System' tool authored in Macromedia Director, scripted in Lingo
- Built and maintained websites for clients including the RNLI and Remploy
- Video shooting and editing, mainly corporate showreels and montages from live events
- Development of software-based video playback library for use at conferences/events
- Authoring of CD and DVD-based products for clients in the corporate sector

Head of Special Projects, Show Presentation Services

April 2004 - October 2008

Elliott Associates was purchased by Show Presentation Services, a leading Technical Staging company.

- Development of the 'LiveVIEW' digital signage platform for multi-stream Events. LiveVIEW is a client-server deployment combining an IIS hosted application with an Adobe Flash front end. Added innovative features including audio triggers for announcing upcoming presentation sessions.
- Development of SMS-based software tools for voting at conferences, also used as data capture mechanism by field marketing teams

The Digital Lab, Freelance Services to Live Events Industry sector

October 2008 - May 2010

- Authored online event registration websites for clients including Nasdaq and fashion retailer New Look
- Technical support of live events both in the UK and overseas through software systems, including applications for working with SMS, Social Media and event related information
- Video shoots/edits for both events and independent clients

Digital Media Product Developer, Blitz Communications

May 2010 - December 2017

Employed within the 'graphics' division, I was responsible for any digital 'bespoke' projects which were offered to clients. Highlights include:

- Development of interactive games for exhibition trade show stands, combining external hardware with on-screen information and leaderboard
- Implementation of systems to control AV hardware such as video projectors through TCP/IP protocol
- Design and development of the EventMetrics event reporting solution. Using UHF RFID technology, this platform combines a leading badging solution with live reporting, giving users unparalleled insight into attendee activity at their events. EventMetrics is an IIS-hosted MVC 'intranet', with RFID hardware by Impinj and Printronix, giving an entirely integrated and robust platform
- Build of an iPad-based intranet for use at a training event for the Lexus CT-200H
- Addition of new features to LiveVIEW platform including inbuilt RSS message generator. Re-authored the server platform in MVC in 2017

Visit by GES

January 2018 - Present

Following a restructure of the company I moved into the registration/event data sector of the business, with a view to supporting and enhancing our collective range of software offerings:

- Developed software solutions to integrate Visit's API with 3rd party systems, clients including Informa, Reed and UBM. A common platform has been developed to link Visit to a number of different platforms simultaneously including Salesforce and Eloqua. Core to this is a test application where clients can view registration conversions for testing and approval
- Provided consultancy to support clients in developing their own solutions to integrate with Visit's API
- Supported the internal team with my knowledge of HTML and JavaScript solutions
- Digital Project Manager for high-profile events delivered for the corporate sector, clients including Morgan Stanley and Goldman Sachs. Responsible for specifying project hardware requirements, onsite network delivery and management of teams of operatives both in the UK and mainland Europe.
- Delivered a basic training seminar on Internet 'fundamentals' to improve support engineers' understanding of the systems they work with and the challenges they face.

Hobbies and Interests

- Keeping in reasonable shape, I enjoy hiking, mountain biking and snowboarding
- Building and flying radio controlled aircraft (usually successfully). BMFA approved instructor for training new pilots
- Designing and building electronics projects, frequently using Arduino micro controllers and associated programming (loosely in C/C++ language)
- Crazy build projects including an RGB LED cube, Video Projector and a homemade CNC machine
- Play keyboards/piano, currently trying to learn the organ