

# JONATHAN EDWARD BRAIN

## Curriculum vitae

Telephone: 07976 285759  
Email: jon@jonathanbrain.com

### PERSONAL PROFILE:

Successful web developer specialising in front-end technologies, and possessing a wide complement of back-end skills. Project management/technical background with over 14 years' worth of commercial IT experience, including in-depth knowledge of internet/intranet infrastructure technologies. Innovator with proven analytical and problem-solving capabilities who is quick to learn.

As well as my agency work and my personal site, *jonathanbrain.com*, I have a small client roster whose web presences I have designed and built (example sites: *morgansteel.co.uk*, *chrisperceval.co.uk*), as well as collaborating on projects with peers (example site: *bestatcruises.co.uk*). Keenly interested in design, I enjoy photography and the graphic arts, having recently completed the Graphic Skills course at the London College of Communication and completed the City and Guilds Progression Award in Photography with distinction.

### KEY SKILLS:

Language:	Skill level:	Application:	Skill level:
HTML/XHTML *	<i>Excellent</i>	Microsoft CMS	<i>Excellent</i>
CSS	<i>Excellent</i>	Microsoft Sharepoint	<i>Good</i>
JavaScript	<i>Excellent</i>	Microsoft WebMatrix	<i>Excellent</i>
jQuery	<i>Very good</i>	Microsoft Visual Studio	<i>Very good</i>
AJAX	<i>Good</i>	Microsoft IIS	<i>Good</i>
ASP.NET	<i>Excellent</i>	Microsoft SQL Server	<i>Good</i>
C#	<i>Excellent</i>	Apache	<i>Good</i>
PHP	<i>Very good</i>	Adobe Photoshop	<i>Excellent</i>
SQL	<i>Very good</i>	Adobe Illustrator	<i>Basic</i>
XML	<i>Good</i>	Adobe Flash	<i>Basic</i>
ActionScript	<i>Basic</i>		

\* to WCAG 1.0 accessibility standards

### CAREER ACHIEVEMENTS:

#### **Senior Creative Developer, ILN, London, UK**

July 2007 – present

#### **Creative Developer, ILN, London, UK**

May 2005 - July 2007

Permanent member of the New Media team.

Example sites: *eastmidlandstrains.co.uk*, *southwesttrains.co.uk*, *cmci.com*, *iln.co.uk*

Core responsibilities include:

- *Front-end development:* I create pixel-perfect websites from design images. Key skills include hand-coding HTML, CSS and JavaScript as well as an excellent command of Adobe Photoshop. I have been instrumental in promoting the use of accessible mark-up for all new ILN websites, the separation of structure from style, and the use of progressive enhancement techniques. Given the quirks of Microsoft CMS, solving cross-browser issues has become a speciality of mine.
- *Back-end development:* Development work using ASP.NET, C#, Microsoft CMS, Microsoft SharePoint, IIS, SQL Server, PHP and Apache. As an innovative solution provider, I relish the opportunity to develop practical and efficient solutions to problems and requirements.

- *Expert and mentor:* Keeping abreast of the constantly changing face of new media technology, I act as an advisor on best practice with regards to SEO, usability and accessibility, and as a mentor to junior development staff.
- *Key projects:* AJAX-based personalisation project “MyJourneys” for *eastmidlandstrains.co.uk*, Summer 2008; Skinning of Microsoft SharePoint installation for Farrer & Co intranet, Spring 2008; Information architecture design and complete development of *eastmidlandstrains.co.uk* in five weeks, Autumn 2007; Complete re-build of *southwesttrains.co.uk* front end in three weeks, Spring 2006.

***Production Assistant, ILN, London, UK***

February - April 2005

Freelancing for the New Media team. Core responsibilities included:

- *Design of web page templates, layouts and graphics for established websites:* Detailed work requiring a flair for design and attention to detail, as well as mastery of Adobe Photoshop. Clients included GNER (*gner.co.uk*) and South West Trains (*southwesttrains.co.uk*).

***Independent travel through Cuba, South America and China***

September 2003 - October 2004

- *Fulfilled long-standing ambition to explore Latin America and China:* Creatively overcame cultural and linguistic obstacles in unfamiliar environments.
- *Maintained blog:* Combined loves of photography and writing with web development skills to document the trip via enthusiastically received website *jonathanbrain.com*.

***Project Specialist, Lovells (6th largest international law firm), London, UK***

October 2002 - September 2003

Core responsibilities entailed managing network infrastructure and IT security projects, including:

- *Successful infrastructure refit of two London offices (total 650 staff):* From computer room and cabling design work to managing network designers and building site contractors, these two projects involved detailed planning, considerable interpersonal and technical skills, determination and tenacity to achieve the required construction quality and functionality.
- *Successful design and implementation of Paris office LAN (150 staff):* To cater for an office expansion, this project involved the redesign of the entire Cisco-based LAN, followed by thorough planning and risk management to enable it to be implemented within one weekend, therefore preventing business disruption.
- *Successful upgrade of WAN infrastructure:* In keeping with the requirement to adopt a more resilient WAN architecture alongside increased available bandwidth, this project involved detailed planning to co-ordinate the simultaneous efforts of Lovells staff and third party employees across multiple time zones without a negative impact on day-to-day business communications.
- *Successful development of a secure remote access environment:* This project involved managing the design and construction of a Cisco 3030 concentrator- and Nokia/Checkpoint Firewall NG-based VPN infrastructure to provide secure remote access for wireless and Internet-based clients, catering to mobility and business continuity requirements.

***Senior Technical Consultant, Lovells (6th largest international law firm), London, UK***

May 2001 - October 2002

Core responsibilities were several projects centred around the construction of Atlantic House - a new office for 1800 staff in central London. These included:

- *Successful construction of building infrastructure:* This project involved working with the design team to manage the design and installation of the structured cabling system (mainly CAT6 and fibre optics) and cable management system, and the design and construction of new computer equipment rooms in Atlantic House and an existing building.
- *Successful construction of network infrastructure:* Beginning with the review of the LAN ITT prior to issue, and participating in the subsequent proposal review and supplier selection, this project required considerable technical and interpersonal skills to manage, alongside the Corporation of London, the implementation of a private MAN connecting Atlantic House and existing buildings, followed by managing the installation of the LAN (comprising Cisco 6000- and 3000-series switches) into Atlantic House, and its integration with the existing Lovells networks via the MAN.

- *Successful relocation of core business IT services:* Managing this project required meticulous scheduling, risk mitigation and contingency planning to ensure that over 100 Microsoft, Novell and Unix servers, and a variety of network services from the three existing Lovells buildings were relocated to Atlantic House without disruption to the business.

### ***Independent travel through India, Nepal, Southeast Asia and Australasia***

December 1999 - April 2001

- *Fulfilled long-standing ambition to travel independently through Asia:* Honed interpersonal and decision-making skills, increased self-confidence, and developed an appreciation of the wider world.

### ***Technical Support Analyst, Lovell White Durrant (international law firm), London, UK***

January 1997 - November 1999

Key responsibilities included:

- *Network management and support:* As well as day-to-day network administration and maintenance, duties required me to be highly technical and proactive: assessing network performance and trouble-shooting, analysing potential problems and installing counter-measures, as well as keeping managers abreast of network issues and performance statistics.
- *Infrastructure projects:* Under constant demands for service expansion and improvement, key projects undertaken included: rationalisation of Bay/Nortel LAN topologies to ease traffic congestion and increase network throughput, design and implementation of LAN extensions in local and international branch offices, co-design and implementation of frame relay WAN, implementation of corporate Internet connectivity including firewalls, and modification of infrastructure - and working methods - to facilitate a shift in emphasis from IPX to IP, including implementation of robust DNS/DHCP facilities.
- *Solution provision:* As prime network infrastructure resource, duties entailed advising managers and project leaders on networking issues, working with them to find technical solutions for projects with specific network connectivity or security requirements, as well as designing and conducting training for other support staff.

### ***Systems Co-ordinator, Honda of the UK Manufacturing Ltd, Swindon, UK***

May 1993 - December 1996

Key responsibilities included:

- *Unix system administration:* Implementation, administration and support of AIX Unix servers, including backup strategy, disaster recovery procedures and connectivity with non-Unix systems. Sybase and ETS (an EDI system) administration and support.
- *Network administration:* Design, implementation and support of TCP/IP network infrastructure, including DNS and DHCP. Several TCP/IP-based dial-up applications. Working with European partner sites to implement WAN-based TCP/IP services.
- *Mainframe system administration:* Implementation and support of ES/9000 mainframe-based applications including the OPC/ESA batch scheduling system. Later managing the migration of the batch system from a two- to a three-shift configuration. Day-to-day support of mainframe applications and services.
- *Environmental:* Analysis and modification of existing systems with the aim of attaining ISO 14000 accreditation.

## **EDUCATION and QUALIFICATIONS:**

### **Creative Media Program: Graphics Skills**

London College of Communication, London, UK (2005 – 2006)

### **OCR Entry Certificate for Business Language Competence in Spanish**

City & Islington College, London, UK (2003)

### **City & Guilds Level 2 Progression Award in Photography (Distinction)**

City & Islington College, London, UK (2002 – 2003)

### **B.Sc. (Hons) in Computer Science (2.1)**

De Montfort University (formerly Leicester Polytechnic), Leicester, UK (1988 – 1992)

**3 GCE 'A' levels, 8 GCE 'O' levels**

King Edward VI Camp Hill Grammar School, Birmingham, UK (1981 – 1988)

**ADDITIONAL DETAILS:**

Based: Brighton, UK  
Date of birth: 19 February 1970  
Nationality: British  
Status: Married  
Drivers licence: Full, clean  
Interests: Independent travel, photography, architecture, graphic design, electronic music, snowboarding.

**REFERENCES** are available upon request.