

# **Benjamin Leigh Greenaway - Curriculum Vitae**

## **Full-Stack Engineer, Product Developer and Educator.**

*With five years of direct software team management and fifteen years plus of development experience I thrive in the challenge of growing businesses. Regularly publishing, coordinating workshops and organizing events, I am a knowledgeable, creative and engaging hands-on manager / developer driving new companies and their products to the achievement of higher goals.*

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### **Technical Skills:**

PHP, MySQL, MediaWiki, WordPress, CodeIgnitor, Slim, Drupal, ZF, Apache, Nginx, Varnish, JavaScript, Vagrant, Docker, Amazon 'AWS', Rackspace Cloud, Python, HTML5, CSS3, jQuery, Bootstrap, Android, iOS, Git, Composer.

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### **Current / Recent Positions:**

**Co-operative Web, Birmingham, UK : since December 2017, part time.**  
**Wordpress & PHP Developer.**

I contributed to the ideation and discovery of Tarmac's internal communications site, 'The Tarmac Way' and provided updates and documentation for legacy Wordpress applications. Currently I am supporting the revision of a legacy Zend Framework application for potential release as a new product.

**Capacity London Ltd, London, UK : since August 2013, part time.**  
**Consultant & Training Instructor.**

Capacity London offers residential work experience in Europe through the Erasmus + programme. After helping them to secure a certification to teach City & Guilds qualifications in online media and business I taught a Social Media for Business and Principles of Website Development and Optimisation course and am currently advising on a new European Qualification Framework course in digital skills.

**Menuspring Ltd, London, UK : from May 2014 to Dec 2017**  
**Chief Technical Officer / Lead Developer.**

Menuspring Ltd - www.eetapp.com - was a mobile publishing platform for over 900,000 menu items and 10,000 London restaurants. My role was to drive the existing development team towards closing a second private investment round, which was closed successfully in Autumn 2016. I directly contributed the design and development of a patent pending, real-time, table availability service as co-inventor. Operationally I re-engineered and maintained user facing web and application servers. Managerially I ran the remote development teams in Karachi and Lahore and migrated them to new agile and service-oriented architectures. Menuspring relocated with its CEO to Pakistan in September 2017.

**HearToday Ltd, London, UK : from November 2013 to April 2014**  
**Consulting Engineer / Lead Developer.**

HearToday was awarded a place on the Nesta & Cabinet Office funded incubator Bethnal Green Ventures. I joined them to develop the online infrastructure and prototype for a portable master hearing aid and collaborated on the design of a device to screen schoolchildren for hearing loss.

**bgreenaway Development, London, UK : from Sept 2012**  
**Freelance Web & Mobile Consulting & Development.**

My clients have included The British Library, The Nominet Trust, OpenDemocracy.net and The Big Issue. I have presented at two conferences, co-authored a paper for a third and my writing on software development and business start-ups has been published in Web&PHP Magazine and phpArchitect.

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### **Education:**

University of Cambridge - Robinson College, Mathematics. 1991 - 1993  
University of Warwick, Mathematics & Philosophy. 1994 - 1996

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## **Professional History:**

### **Middlesex University, School of Media and Performing Arts, UK : from Sept 2013 to June 2016 Part-Time, Hourly Paid Lecturer.**

I taught the Web Media Production course offered by the School of Media and Performing Arts to first and second year Media Studies students. My classes encompassed skills training for WordPress, an introduction to Hypermedia and to HTML5. They also included a history of the Internet and the Web, and prepared students to engage critically and participate online throughout their studies.

### **Rogue Trader Studios Inc, London, UK : from February 2013 to October 2013 Consulting Engineer / Lead Developer.**

Rogue Trader Studios was to develop unique, mobile gaming experiences based on live, real-time data sets. I delivered the application infrastructure and game engine for an iOS trading project, "Beat the Market: Gamers vs Traders." and assisted in the development of their KickStarter campaign.

### **Skillab, London, UK : since January 2013, ongoing Program Director & Co-Founder.**

Skillab coordinates evening classes for adults in mentor led learning. After developing the curriculum and teaching materials for a coding class, I managed their delivery during Summer 2013 and became Program Director in September 2013. The curriculum has been further developed since and released as an open source educational project, which I currently co-maintain.

### **Dyn Inc. / Dyn UK Plc, Manchester, NH & Brighton, UK : from July 2012 to January 2013 Consulting Developer, R&D - Web Services.**

While on contract in an R&D position working between Dallas, New Hampshire and London I developed a global test management API service, metrics and analysis products to support sales and customer development teams. I also worked on the rebranding and integration of management and ecommerce systems following Dyn's purchase of TZO HA.

### **Tzolkin HA / TZO DDNS, Pepperell, MA, USA : from March 2010 to July 2012 Consulting Developer, Lead - Web Application Services**

I built and deployed a series of dynamic DNS products including the DDNS-OAPI Ordering & Management API service and a Virtual Traffic Manager for High Availability and Load Balancing. My additional roles included the design and creation of Drupal 6, WHM and cPanel modules, general R&D duties and to evangelize our open source strategy, community and new products.

### **Search Optics Inc., La Jolla, CA, USA : from April 2008 to March 2010 Lead Developer - Web Services & Administration**

I designed and built a scalable office management system with a web interface for monthly reporting, analytics and Ad-Words control. To support a rapid growth phase I developed a custom, high-availability platform of co-located SQL/Apache & DNS servers which was host to 50+ sites and 200+ ad-words campaigns. I was further responsible for the improvements to the API infrastructure and for the design and engineering of an automotive inventory and CMS administration service.

### **NetWorks Development / InTouch AV - San Diego, CA, USA : from June 2004 to March 2008 Senior Developer - Web Services / Control Systems Programming**

Self employed consultation for video conferencing system design and AV installation. Clients included the El Centro Federal Court House, the Cathedral City Council Voting Chambers, Estancia Hotel & Spa and San Diego's Pet Co Park. A project for a unique e-commerce, self-installation solution for AV allowed me to translate my skills towards web application development.

### **Rolling Thunder Software, Lead Programmer, Carlsbad, CA, USA : from May 2002 to Feb 2004**

Lead software developer for AMX control systems. Installations for Federal Government, State Government, national and multinational corporations and private clients.

### **Quality Software Associates, Staff Programmer, Carlsbad, CA, USA : from Sept 1999 to May 2001**

Custom software development, installation support and maintenance for integrated control system on Wintel, PC, AMX and Crestron AV control systems for both corporate and private clients.

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**The Early Years:****Interactive Music Expo, Guest Speaker, New York, NY, USA : July 1998 to July 1999**

Technical consultant for event broadcast and guest on the panel 'Music in 2010', to discuss the future of music broadcast, Internet streaming technology and other new-media delivery systems.

**BusinessNet UK, Pre-Sales Engineer, London, UK : from Jan 1998 to June 1998**

Brief development team on solutions for new and existing clients. Develop technical solutions during sales meetings with more established clients. Advisor to the sales team during sales offers.

**X-Stream Networks, Founder & Lead Developer, London, UK : from July 1996 to Jan 1998**

A conceptual development position working towards proof-of-concept solutions for cybercasting and narrowcasting technology for private sector and entertainment industries.

**Virtual Futures, Senior Engineer, Warwick, UK : from March 1995 to June 1996**

I broadcast the Virtual Futures conference of 1996 over the Internet - the first event broadcast live using Real Audio in the United Kingdom thanks to hardware loaned by Apple, Sun, and SGI and software donated by Progressive Networks and Cornell University.

**Conductor, University Wind Orchestra, Cambridge, UK : from Oct 1992 to July 1994**

After open audition I earned the position of Conductor of the Cambridge University Musical Society Wind Orchestra and became the first non-music student ever to hold such a post. I held it for two years and was also appointed Conductor of the Robinson College Orchestra. I am one of the few amateur conductors to have rehearsed the University Chamber Orchestra.

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**Other Interests:**

Virtual Futures, computer gaming, photography, reading science-fiction, cinema, travel.

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**References available on request:**