

Aaron B. Russell

- Objective** To develop fast, intuitive Web 2.0 applications that work around people, rather than forcing people to work around the application, allowing people to simplify their workflows, and get on with what they really need to do.
- Functional summary** Numerous proven successes in implementing fast, efficient, database driven Web 2.0 applications customised to very specific client needs, utilising advanced knowledge in a wide range of web applications development environments such as Ruby on Rails, Perl, Mason, MySQL, AJAX, XHTML, CSS, and JavaScript. Extensive experience in maintaining, configuring, installing and implementing Linux-, UNIX-, Windows- and Mac OS-based network systems customised to very detailed specifications as defined by clients. Also highly experienced in many other areas such as PBX systems, Sendmail, IMAP/POP servers, VMware virtualisation, OpenVMS, DNS provisioning, caching proxy servers, streaming media services, and many more areas. More details available upon request.
- Employment**
- Rocket Dog Creative: Lead Developer (2002-Present)**
- ◆ Required to have a deep, solid understanding of advanced web application development environments such as Perl, Ruby on Rails and MySQL, the Linux, UNIX, Windows and Mac OS X operating systems, the Apache HTTP daemon, AJAX, XHTML, and CSS in order to be able to "build-to-order" custom solutions designed to fit a client's needs for any particular purpose. Examples of projects managed and implemented include an advanced server-side Web 2.0 content management system, and an advanced CRM package. Most recently, was responsible for launching the File Sanctuary hosting platform (see <http://filesanctuary.net>).
- Thomson Reuters: Web Applications Developer (2008-2009)**
- ◆ Maintained existing web applications, upgraded existing applications to Web 2.0 technologies wherever possible, and built new applications from scratch, all using a wide variety of technologies, notably ColdFusion and the Dojo Toolkit for JavaScript.
- P & B Barker Ltd: IT Manager / Lead Developer (2004-2005)**
- ◆ Designed, implemented and maintained a network infrastructure for an insurance assessor business of 10-15 employees. This post led onto a development role whereby I was required to design and write a complete corporate management system, with workflows ranging from data inputting, to engineer assignment, to call centre systems, to remote engineer reporting and even financial statistical reporting.
- Ravensbourne University: Content Delivery Systems Engineer (2003)**
- ◆ Installed, configured, and maintained a private intranet-based content delivery platform consisting of a streaming server running Debian Linux, 10 iBooks running Mac OS X, 5 iMacs and 4 rack mounted Windows video digitising servers, as part of a broadcasting exhibition run by the university.

dcginternet: Systems Administrator (2001-2003)

- ◆ Installed, configured, and maintained webservers running Red Hat Linux, Apache webserver, MySQL and PostgreSQL for the purposes of hosting client websites. Hosted and designed websites for numerous clients. Written, tested, and installed numerous CGI scripts. dcginternet merged with Rocket Dog Creative in June 2003.

British Telecommunications: Software Engineer (2000)

- ◆ Maintained a live help desk's support ticketing system, based on Remedy Action Request System, requiring stable background knowledge of database management techniques and SQL.

Education

Teesside University (2005-2010)

BSc Computer Programming In Progress

Durham University (2004-2005)

Interdisciplinary Foundation Course (roughly equivalent to 4 AS + 4 A2 levels) Pass

Harris City Technology College (1996-2001)

GNVQ Intermediate Double Information and Communications Technology Pass with Merit

GNVQ Intermediate Double Business Studies Pass

GCSE Information Technology B

GCSE Double Science B/B

GCSE English Language B

GCSE Mathematics C

Other experience

Has co-developed and continues to maintain the Perl code behind the SMS Text Messaging feature of online community LiveJournal.com, which now has over 13 million users.

Has provided technical support on both a professional and freelance level to a wide range of people and organisations, using a variety of UNIX, Linux, Mac OS X, and Windows-based computers/servers.

Has provided technical lighting and sound engineering services to nightclubs, theatres and colleges, requiring a significant knowledge of professional sound and lighting equipment.

Professional affiliations

Student Member of the British Computer Society (BCS)