Barry Carlyon

Developer/System Administrator
BarryCarlyon.co.uk

DevOps with 10+ years experience, aiming to develop web applications and consumer websites with an understanding of the stack behind it.

Web Technologies
- PHP 5/7 both CLI and CGI/Apache/Nginx/php-fpm,
- JavaScript, bespoke, jQuery,
- HTML 4/5,
- CSS 2/3,
- MySQL/MSSQL/NoSQL,
- API's, (including Facebook, MailChimp, Amazon, eBay, Tesco, Twitch)
- Server Administration and Development,
- Amazon (EC2, CloudFront, S3, SQS)
- Varnish

Experience

Technical Advisor   **Dec 2015 - Present**
Online Performers Group (opg.tv)

As Technical Advisor to OP Group I assist both the staff and the Twitch Casters they represent, on various technical requirements and problems, this varies casters to caster from Computer Settings to Web Guidance and involves a variety of thinking critical problem and liaising with third party providers where applicable.

Development Contractor   **Dec 2015 - Present**
N3RDFUSION (http://www.n3rdfusionstudios.com/)

Currently contracted to N3RDFUSION as a general development contractor, my current tasks involve the development and management of systems as directed by N3RDFUSION Management, both internal and external facing.

Lead Developer   **Aug 2014 - Present**
CohhCarnage LLC (twitch.tv/CohhCarnage/)

Serve as lead developer of the on stream production overlay, integrating aspects from Twitch API, and feeds from chat and our own internal systems for managing on screen notifications, including but not limited to Subscriber and Tip alerts, and sales for TeeSpring campaigns when needed. This work is in hand with the on team Notifier Artist and Sound Artist, to keep the overlay themed with the current game/franchise being played.

More recently I have moved into a general development role working on new Web based systems on the channel to offer viewers and supports of the channel more from their support of the channel.

Some of my Overlay, Chat Bots, Tipping systems and Integrations, are also in use by other streamers across Twitch.

Web Developer   **Mar 2013 - Present**
Fred Aldous LTD (FredAldous.co.uk/)

       Initially employed as a Web Developer, where there was originally none, I was originally tasked with bringing all coding in house instead of third party agencies. Working with Magneto as the E-Commerce solution and integrating various APIs, such as eBay and Amazon MWS, to improve online sales.

       More recently I have been working on improving internal tools for management of various aspects of stock and order management, including predictive planning of stock needs based on past sales.

       Further more my role has expanded to cover IT and internal server management, and training in Card Payment Technology, which in turn required me to develop an understanding of Microsoft RMS and how to develop plugins for it.

WordPress Plugin Developer   **Jan 2011 – Feb 2013**
CodingFutures/YourMembers (YourMembers.co.uk/)

       Focussing primarily on WordPress plugin development, specifically Your Members, a commercial Membership plugin. Work involved supporting customers, developing the plugin and client custom work to extend the plugin. Integrating with external services Amazon CloudFront/S3, and MailChimp.

Developer   **Nov 2010 – Dec 2011**
Vanguard SEO

       A now defunct company working in the area of SEO, I was involved with managing one of the products, TwitResponse, a Twitter auto responder, and additional PHP development for in house and external clients. Worked with various managed WordPress installs.

Developer   **Sep 2006 – Jun 2012**
360Gaming

       A self developed project focussing on Xbox 360 gamers, the games they play and the videos they create. Using different components including Windows Live and Xbox API's to create a content rich website, as well as provide a YouTube style way to spread user create videos. Using a custom built Video rendering script, using PHP and FFmpeg.

Head of Web Development   **Sep 2005 – Aug 2011**
LSRfm.com (http://LSRfm.com/)

       As Head of Web Development, I was involved with developing and managing the Website, during my time it has grown from a simple website to a full fledged dynamic content management system including custom built management and audio processing for Podcasting and other audio/rich content. Several offline tools now exist including a music library, overnight request based jukebox, track player, and email/SMS txt interfaces for live shows.

Qualifications

- Verifone Training for Card Payment Acceptance over the Counter,
- BA Honours New Media – University of Leeds,
- 4 A Levels A-C, including Mathematics, and Design and Technology,
- 11 GCSE's A-C, including Mathematics, English, Design and Technology,

Awards

- August 2008 - The Gary Frisch Bursary for Software in Radio
  This award was for the Carlyon CMS – PHP based open source content management system, developed primarily for student Radio and LSRfm.com – Leeds Student Radio.
  Designed to handle membership information as well as general content, including table data such as playlists, and show pages, as well as department Mailing Lists.

Other Experience

- During my time at University I held a part time job at **Leeds University Union** as a Lighting Engineer and general venue technician. At LUU I work in a variety of areas from Night Club sound, lighting and DJ Setup. I have worked with DJ's such as Annie Mac, Sash, for gigs including Little Boots, Sandi Thom and recently Professor Green and Sub Focus, as well as individual acts such as 5ive and S Club.

- I spent a year working as a general theatre technician as **Stage@Leeds**, at the University of Leeds, involving roles such as Fixture maintenance, running shows, both from Lighting and Sound perspectives, and general looking after of the building and theatre spaces, working within a team or other junior/senior technicians.

- During my time at University I worked with **LSRfm.com – Leeds Student Radio**, both as **Webmaster** of its website and general **Engineer**, ranging from managing the studio, to outside broadcasts as well as general broadcasting of the Station to listeners computers, smart phones, FreeWire (halls) TV, and on occasion to actual radios over FM. I also System Administrate the internal network and attached Windows and Linux (Ubuntu/debian/FreeBSD) based machines.

- During my time at university I have been part of **Google Summer of Code**, a project run by Google to pay students to work on Open Source Projects over the summer, during my three years, I have worked for various projects including PHP, GeekLog, and WordPress.