

Amias Channer – Curriculum Vitae

I am looking for a role where I can use my programming, analysis and sysadmin skills with Linux / Open source software in a structured environment. Over the last twelve years I have worked for a wide range of internet focused companies.

My work has ranged straight forward software development on a project basis to full life cycle deployment of an appliance, to maximising in house websites.

When I started working with the internet it was so new it was common to do a bit of both hardware and software so I have never had a problem configuring and building new servers as well as writing and deploying the code to run on them .

I've worked in agencies, for my own company, freelance and full-time, so am very used to communicating my ideas to customers , managers and developers alike. I am keen advocate of open-source technologies and advise local community groups on IT issues .

I am open to offers of fulltime work on-site but I definitely prefer to work at home or part-time , I find I am far more effective this way as I am quite unusual person and my talents are better used this way .

Technical Skills

- **Software**

Perl, Catalyst, Mod-Perl, Mason, TT, PHP, Python , JavaScript and HTML
Apache configuration , modules , tuning and admin
Nagios , Xabbix and Mon
XML, RSS, AJAX, ATOM, JSON and Bookmarklets
Mysql and PostgreSQL databases
Linux web, email , desktop and server admin
Online payment gateways , SSL and PCI Compliance

- **Hardware**

System Construction for servers and workstations
Enterprise storage (SAN, NAS and RAID)
Wired and Wireless networking
Digital audio, Midi interfacing and Mixing

- **Platforms**

Linux, Solaris, BSD, OSX

Freelance Work

The Ecostore - 1998

design and implementation of an on-line shopping system for the Friends of the Earth on-line catalogue. I programmed the system from scratch in Perl, JavaScript and HTML to run on WindowsNT, Linux or FreeBSD. The system used a unique two-pane shopping list system and strong encryption at time when there where only a handful of on-line shops.

Teamrubber - 2007

I worked closely with the management and developers to specify and build an innovative high performance object relational mapper for their viral marketing promotion system.

Coexist - 2008

Coexist is a CIC formed to manage Hamilton house , a vast office space in the heart of Bristol which is being sustainably redeveloped by the community. I was asked to organise all things internet which included sourcing a high speed wireless link , re-provisioning the dilapidated network infrastructure on a minuscule budget and managing the companies internet resources.

Linux Format - Ongoing

When not working full-time I write articles for Linux Format magazine , I wrote a recent feature about building an open source studio and have also written on Parrot and XDMCP

Runbox – 2008/9

I have worked remotely with Runbox over the last few years developing advanced search functionality for their email hosting service. I have also configured and designed a powerful deployment system which allows for comprehensive package management of in house code using standard Debian tools. I also advised on system administration , security and payment issues.

Bristol Wireless – ongoing

I occasionally undertake short projects doing community network installations and regularly advise on technical issues with Bristol wireless. They operate a bristol wide wireless network providing access for various community projects and organisations.

www.musictimebank.co.uk - ongoing

I have been consulting for and deploying time-banking software which allows musicians to exchange hours of time working on each others projects. This was funded by lottery grants and is almost ready to start providing a music studio for public use

Fulltime Roles

- January 2010 to June 2010 – **Senior System Administrator** – Webfaction.com
Security Analysis and PCI Compliance
Writing system configuration scripts in python
Managing a team of System Administrators
Troubleshooting busy shared hosting servers
- *Sept 2006 to Feb 2007* - **System Administrator** - Metacharge LTD (now Paypoint)
Network planning and routing analysis
Assuring PCI Compliance
Writing and maintaining Perl scripts and modules
Dealing with providers and suppliers
Daily security threat analysis
- *Nov 2003 to March 2004* - **Internet Applications Developer** - The Hotgroup PLC
Developing sophisticated CRM tools
Writing Objects and Modules in Perl
Bug Tracking existing software
- *Jan 2003 to July 2003* - **Lead Developer** – Fitronics
Writing Perl modules.
Configuring Linux servers.
Configuring Linux clients.
R&D of Open Source technology.
Specification and testing of LAN and WLAN networks
- *Jan 2001 to June 2001* - **Internet Programmer** - Guideguide.com
Writing Perl modules
Preparing XML documents
Using custom tools to generate databases from XML
Preparing translation files
Using C.V.S and Bugzilla to aide teamwork
- *Sept 1999 to July 2000* - **Internet Programmer** - Cloudband.com
Design, Implementation and testing of a billing system
Writing technical and functional specification documents
Coordinating all work on the billing system.
Maintaining, building and troubleshooting Linux machines.
- *Jan 1999 to June 1999* - **Internet Developer** - AKQA New Media
Perl, HTML and JavaScript and Microsoft code
Maintaining a very high profile web servers
Technical reference for UNIX development
Server scripting, maintenance and advanced HTML
Technical resource in high profile meetings

- *June 1998 to Sept 1998 - **Web Designer** – QXL*
 Writing CGI scripts in Perl
 Modifying templates
 Redesigning the web interface
 Designing 'wrappers' for third party auction software
 Compiling web statistics
 Technical resource in high profile meetings
- *July 1997 to March 1998 – **Technical Director** - Pixel UK Limited*
 Statutory director duties
 Programming in JavaScript and Perl
 HTML conformance checking
 Remote web-site maintenance.

Personal Details

- **Amias Channer**
- Bristol,UK
- www.amias.net
- **Phone:** on request
- **D.O.B:** 1977
- Semi Fluent in French
- Basic Spanish

Education and qualifications

A Levels

St Brendan's 6th form College - Sept 94 - Jun 96

- **Computing**

G.C.S.Es

Ralph Allen School - Sept 89 to July 94

- **French**
- **Science**
- **Mathematics**
- **English Language**

Hobbies

When not musing on what the net needs next , I distract myself by hacking my bookmark management tool and writing articles for Linux Format.

I am actively involved in the local Perlmongers and Linux groups as believe in sharing the information others have shared with me and being an active part of my community.

I also make electronic music and occasionally play live both as a dj and as a with live instruments as well as sound engineering for community gigs and festivals.

I Like cooking and eating vegan food using local organic ingredients where possible , good food makes my code better. I also enjoy cycling and cricket to keep myself in shape .

I try to be green as much as possible. I also did voluntary environmental work in remote parts of Himalayan India and have travelled throughout Europe.