

Clive Holloway · Senior Developer

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I have worked on a variety of projects over the years, creating effective web and back-end solutions. I have experience with several modern Perl frameworks, “traditional” LAMP stacks, bespoke mod_perl frameworks and on front end based apps (using AJAX with jQuery and third party APIs - eg Twitter, Facebook etc). I also am experienced in front end UI application design using jQuery and have worked on several HTML5 Facebook and mobile applications.

I enjoy working in a wide range of roles, from back end applications to back and front end web app development, along with aspects of UI design and business analysis.

Experience

Independent Contractor

Apr 2012 - Present

- Transaction implementation, PCI compliance implementation and internal process development for a Debt Recovery company
- Mojolicious + DBIx::Class application
- Analyzing legacy site created in AxKit, planning and implementing migration to Drupal
- Adding ORM and testing to code base built over the last 15 years
- jQuery UI additions
- General site maintenance and basic system administration (Apache, backups, system monitoring)

Senior Developer (contract) – Rubenstein Technology Group

Apr 2013 - Dec 2013

- Rewrote application test suite for core company application
- Migrated mod_perl based app to Plack/Starman
- Implemented Continuous Integration (CI) framework using Jenkins for company projects
- Created smoke framework for Perl test suite and wrote core tests.
- Mentored junior developers
- Wrote application to create PDF books from selected web pages (Dancer, wkhtmltopdf, Gearman)
- Wrote application to create templated Word documents from web pages (Gearman, Mason, MIME::Lite)
- Implemented elasticsearch based search engine using elasticsearch & NodeJS
- Created jQuery widget plugin to manage page locking
- Worked on various other aspects of the application framework, including Couchbase caching and jQuery widget plugin to manage page edit locking

Developer - DoublePrime Inc

Aug 2010 - Apr 2012

- Developed & managed a config driven internal application framework integration with Facebook that allowed designers to use the functionality of Facebook without having to worry about the intricacies of OG tags and JS loading etc.
- Developed internal best practice mobile app framework (based on Mobile Boilerplate)
- Created config driven A/B testing template system for internal application framework
- Suggested and implemented several improvements to the internal mod_perl application framework (cleaned up singleton and emailer code, fixed bugs in sniffer code etc)
- Create internal log parsing system that parsed 2Gb apache log files daily and created weekly reports for multiple brands to help them identify problem areas of live apps

Development Lead (contract) - Datarose LLC

Apr 2009 - Apr 2010

- Architected core MVC application framework (CGI::Application + HTML::Template + Rose::DB + Log::Log4Perl + MySQL)
- Sought out, interviewed and hired development team
- Manage day to day development (prototyping, code reviews) and mentored developers
- Worked with stakeholders to identify and effectively implement business requirements

Perl Application Developer - USGN, Phoenix, AZ

Apr 2008 - Mar 2009

- Analyzed legacy application
- Designed and implemented MVC application framework
- Rewrote large chunks of the system for the new framework

Perl Application Developer - Fonality, Los Angeles, CA

Jan 2007 - Mar 2008

- Re-architected and implemented existing POE server
- Added a test suite using Test::More
- Refactored large code base into smaller, modular OO units

Lead Developer (Systems) - Ipower, Phoenix, AZ

Oct 2002 - Jan 2007

- Wrote web control panel that managed 500,000 domains
- Maintained legacy billing system

Education

Pure Mathematics B.Sc. - University of London

Skills

Perl: Over the years I have used many modules including Plack, Mojolicious, DBIx::Class, POE, Rose::DB, Log::Log4perl, DBI, Djabberd, CGI, CGI::Application, HTML::Template, Test::More, Template::Toolkit, ImageMagick and GD, working in CGI and mod_perl environments

Databases: MySQL, sqlite3, Postgres - and a little Oracle

External APIs: including PayPal, Ebay, Authorize.net, Network Solutions, Twitter and Facebook

Other: XMPP, Apache 1 & 2, JavaScript (jQuery and Prototype - mainly jQuery though), CSS, SSH (inc SSHFS), git, CVS and Subversion

Code samples and references

I have older code samples available, but I prefer working through a small Perl programming challenge because I feel that gives employers a better insight into how I work.

References available on request.