

Kilna, Anthony

Perl Development Team Leader

Seventeen Years of Experience

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Keywords

Agile	DBI	IIS	Mac OS X	PHP	SMTP	Tomcat
Apache	Debian	Java	Mercurial	POD	SOAP	Unix
BIND	DNS	Javascript	Mod Perl	Postfix	Solaris	Ubuntu
Catalyst	FastCGI	Jenkins	MVC	Red Hat	SQL	Windows
CentOS	Git	JIRA	MySQL	REST	SQL Server	XML
CGI	HTML	JSON	OOP	Ruby	SSH	XSL
CruiseControl	HTTP	Lighttpd	Perl	RVM	SSL	YAML
CSS	Hudson	Linux	Perlbrew	Samba	Subversion	

Employment

The Active Network • Senior Release Management Engineer

San Diego, California • September 2011 to present

The Active Network is a service technology company specializing in online registration and event management. There, I lead a team which creates software tools for build and release management using Perl and Ruby.

- Designed and implemented deployment tools used by hundreds of developers and other users to release software packages into development, QA, staging and production environments
- Created cross-system integration of build systems with deployment systems to automatically deploy new builds to necessary environments
- Created tools for environment and system introspection in order to expose differences between environments

Everyone Counts • Software Engineer

San Diego, California • May 2010 to September 2011

Everyone Counts is an election technology company providing secure online voting to government and corporate clients. There, I created software tools for import, export and management of election data, allowing the company increased business opportunities and partnerships.

- Developed a Continuous Integration style system for translating between XLS, CSV, YAML and XML-based election data formats, working closely with internal customers, enhancing the reproducibility and traceability of integration work done within the company
- Held classes and wrote extensive documentation for the system, garnering broad adoption
- Designed, developed and deployed a highly parallel system for load testing elections, including detailed reporting and logging of performance statistics

DivX • Configuration Management Engineer

San Diego, California • May 2006 to May 2010

DivX is a leading digital media company which creates, distributes and licenses digital video technologies. At DivX I developed Perl-based systems for developer support across the global organization, specializing in configuration management and version control.

- Created a system for distributing build and test requests to multiple platforms, allowing the company to efficiently support Windows, Mac and Linux at several different OS versions
- Built a Perl-based system for mapping codebase interdependencies, providing developer and management insight into the development pipeline via an intuitive web-based GUI
- Used skills in systems administration and Perl programming to swiftly release new systems in a way that is both easily extended and compliant with good CM policies
- Extended off the shelf open-source and commercial systems using Perl, specifically: Subversion, CruiseControl, Jira, ViewVC and VersionOne

Anonymizer, Inc. • Programmer

San Diego, California • October 2004 to May 2006

Anonymizer is a company providing Internet non-attribution services to government, enterprise and consumer customers. At Anonymizer I handled the development of large company critical systems primarily in Perl, working alongside a small but talented team of programmers.

- Within 2 days of starting, saved a critical contract with the International Broadcasting Bureau, providing unrestricted anonymous Internet access to political dissidents in Iran
- For the Anonymous Surfing product, replaced its aging Apache and C-based module infrastructure with a more efficient Apache 2 / Mod Perl 2 system allowing more features (like throttling abusive users and providing malware/phishing blocking) using fewer resources
- Wrote a remote IP management system in Perl using MySQL and an Apache front-end, capable of wrangling tens of thousands of remote IP addresses at hundreds of endpoints
- Taught an internal Perl class helping increase the total overall efficiency of the organization

Zoovy, Inc. • Perl Jedi

Encinitas, California • May 2000 to June 2004

The Zoovy service is an online store with the ability to market products into a variety of external systems. At Zoovy, I was co-author of their e-commerce platform and was responsible for the planning and development of projects written in Perl and PHP on an Apache-Linux server base.

- Developed a shopping cart which is now in use by over 1,000 merchants, and had processed over 1.6 million orders at the time I left
- Integrated Zoovy with a wide variety of shipping quote and payment processing systems, using REST, JSON, SOAP and custom XML-based interfaces
- Developed and documented XML-based APIs for both internal and customer use
- Created an extensible system for generating custom buttons and modifying product images, with caching through a custom Mod Perl Apache module
- Wrote an upselling system for the shopping cart which allowed clever Zoovy merchants to double their order totals

KwikWeb.com • Web Project Manager

Cardiff by the Sea, California • May 1999 to May 2000

KwikWeb's core product was an instant website builder that allowed its customers to create new sites in a matter of minutes. As technical lead I was responsible for coming up with common-sense procedures for development, translating marketing requirements into usable specifications, and making sure those specs get turned into a working product quickly.

- Spearheaded a development shift within the company from ColdFusion and IIS running on Windows-based servers to Perl and Apache running on Linux
- Built one of the first phone-targeted web site builders available on the Internet
- Created a re-brandable version of the product, giving new revenue opportunities to the company
- Lead a usability effort within the company, gathering user input via surveys and in-person trials and as a result provided greater customer satisfaction and decreased support costs

Inspired Arts • Internet Technologist

La Jolla, California • October 1998 to May 1999

Inspired Arts was an award-winning web development firm with corporate clients such as Kyocera, Star System, BF Goodrich, RE/Max, Easton Sports and Chicken of the Sea. I performed web application development and systems administration work there.

- Supported a wide range of UNIX and Windows NT systems
- Wrote several Java-based banner advertisements for IA clients
- Built a custom-designed message board system in Perl
- Created a Perl-based retail store locator for look-up by ZIP and area code

SAIC • Systems Administrator

San Diego, California • December 1995 to October 1998

SAIC is a large government and commercial contractor involved in a wide range of research and engineering projects. I was employed in the Network Information Center, and was responsible for several Solaris, SunOS, HP-UX and Linux-based network monitoring systems.

- Held a secret level clearance for work on DOD contract systems
- Wrote Perl-based systems for processing usage and bandwidth and statistics on SAIC's WAN
- Created and maintained custom paging software in Perl that the entire IT department of SAIC used for its mission critical communications, including a flexible web-based interface

Education

Mesa College • Computer Science Course Work • San Diego, California • 1997 to 1998

UCSD Extension • Computer Science Course Work • San Diego, California • 1999