

Andy Norris

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I have a broad skill set and a background in problem solving. I create automated systems from various disparate applications. My experience includes Windows, OSX, Linux; Perl, JavaScript, Groovy, Java, Python, PHP, C/C++, OmniMark, XSLT; MySQL, MongoDB, SQL Server, PostgreSQL, Oracle; CGI, DBI, SGML, XML, HTML, & CSS.

SOFTWARE DEVELOPER/SYSTEM ADMINISTRATOR ▪ LENDINGSTANDARD

Kansas City, KS ▪ 2014 – Present

Started as a contractor building infrastructure, including automating database backups and configuring a Bamboo Cloud CI environment. Joined full time and now have many varied responsibilities in all areas of the business.

- + Integration & unit testing with Spock
- + Bamboo Server CI environment administration
- + AWS EC2 & RDS instance management
- + MySQL & MongoDB administration
- + Perl, Python, & Bash scripts
- + Manage JIRA, Confluence, Service Desk
- + CGI web development
- + Internal & external documentation
- + Customer support
- + Grails application development
- + Microsoft Office 365 management
- + Virtual machine instance configurations
- + WordPress site administration
- + Document mapping: Aspose, iText, & JEXL
- + Authoring policy documents
- + Slack integrations

DIRECTOR TECHNICAL OPERATIONS ▪ C2FO

Kansas City, KS ▪ 2011 – 2014

Hired as a Systems Integration Developer, my role evolved to creating and directing a technical operations department. We operated as a bridge between business and engineering concerns.

- + Brought new customers on board and set up their technical environments and credentials
- + Coordinated the secure transfer of data between C2FO and our customers
- + Performed data analysis to reconcile issues, recovering millions of dollars for customers and the company
- + Built Web tools and dashboards with Perl and PHP to allow interested parties to
 - Track the loading of client data
 - Generate the summary files after the markets cleared
 - Audit the summary files
 - Encrypt and decrypt data (GnuPGP)
 - Query a MongoDB database
- + Systems administration
- + MySQL, SQL Server, PostgreSQL, & MongoDB
- + Transact-SQL procedures
- + Data cleaning & conversion
- + CloverETL configuration & administration
- + Coordinated vendor efforts
- + Project management
- + Reported on status in company meetings
- + Managed new employee tech setup
- + Administered Google Apps
- + Authored policy docs
- + Managed JIRA, Confluence, HipChat

FOUNDER ▪ TIRESWING SYSTEMS

Lawrence, KS / New Smyrna Beach, FL ▪ 2002 – 2012

Our main offerings were Web tools for technically naïve customers to build and maintain their own websites.

As half of the development team, I created and managed the various technologies comprising our business. I wrote browser-independent JavaScript before frameworks were available. I wrote user documentation and fielded customer support queries. It was gratifying to talk with a customer about what they were looking for, and, on more than one occasion, having that feature for them the next day.

- + Andy's Web Tools – Easy-to-use system for individuals, organizations, and businesses to build and maintain their own websites. Built on a LAMP stack, the tools included and required the development of many functions:
 - Image upload and management – Image::Magick, AJAX
 - Shopping cart leveraging PayPal integration
 - Email accounts – MailScanner & SpamAssassin
 - Traffic analysis – Google Analytics & my log analysis scripts
 - Facebook integration
 - iPhone web app
 - Show 'n Sell – Customer could download a copy of their site, operational without a network connection
- + Contracted with Phillips 66 Aviation to provide a network for their fixed-based operators (FBOs) to build their own websites, including concierge service reservations
- + Marina42 – Web-building tools for yacht brokers
- + MyPlanOfAction.com – Task management system supporting teams and their projects
- + Backend tools

SYSTEMS ANALYST/CONSULTANT ▪ CALIAN, US / ELEMENTAL DATA SERVICES

Mesa, AZ ▪ 2000 – 2007 ▪ Contractor 2007 – Present

We supported defense contractors, working primarily with their technical publications departments, building Interactive Electronic Technical Manuals (IETM) for the F-117A, U-2, F-16, and Global Hawk programs.

Developing with OmniMark, Perl, XSLT, and VBA, I converted data between SGML, XML, RTF, Word, and Interleaf.

- + Created a “lite” version of the IETM using JavaScript that would run without a network or database connection
- + Worked with Calian HR to create an intranet that management could maintain, including employee records, a company newsletter, employee handbook, and document downloads
- + When available commercial time-recording products proved unacceptable, I wrote one to HR's specifications, configurable by each department's management
- + Worked with CMS group to create a support ticket system, correlated task management system, and a calendar with scheduling functions
- + Created CalianTools – a framework for drop-in deployment of code for our customers' specific needs

Since leaving full-time in 2007, I have continued to work with them on a contract basis, maintaining and augmenting the intranet functionality.