

Richard Alexander Allen

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LAMP WEB DEVELOPER

SKILLS SUMMARY

5 years experience in Web page design and programming. 2 years of experience with the Drupal content management system. Expert knowledge of the PHP programming language, MySQL Database Management System, XML language, Zend Framework and various JavaScript libraries like JQuery, YUI and Prototype. Approaches web development using an Object Oriented Design whenever the situation allows. Possesses ability to quickly adapt to new technologies, languages and code libraries as needed. Creates clean, well-documented, standards compliant code.

EXPERIENCE

**Periódico Diálogo Digital,
Universidad de Puerto Rico**

8/2008 – present

Web Developer, Drupal

- Redesigned a Drupal powered Web site for the university's monthly newspaper.
- Programmed a custom Drupal theme by transforming an HTML design into the Drupal template language PHPTemplate.
- Used the JQuery JavaScript library to create slideshows of images.
- Programmed a custom module that uses MySQL queries to export data from Drupal's database into a Flash animation.
- Integrated the OpenX advertisement system into the Web site.
- Integrated the Web site with popular social media Web sites like Twitter, Flickr, Youtube, Blip.tv.
- Trained staff members on how to administer the Drupal content management system.
- Responsible for performing database backups and backend programming updates periodically using mysqldump and Secure Shell (SSH).
- Other developed features include:
 - Social bookmarking with facebook, delicious, magnolia services.
 - Ability to vote on each article.
 - Ability to view the Web site both on paper and a computer monitor.
 - Internal search engine
 - Google Analytics integration
- For more technical details visit:
<http://alexanderallen.name/dialogo-digital-2010-redesign>

Tendenciaspr, Universidad de Puerto Rico

9/2007 – 9/2009

Web Developer, Drupal

- Completed online academic thesis upload, search and download directory service using a combination of JavaScript for animation, PHP for business logic and MySQL for data storage.
- Developed a Flash based Puerto Rico entertainment Point Of Interest (POI) directory map using JSON for joint PHP and ActionScript communication and XML/Xpath for user-friendly and efficient data storage.
- Designed online survey program.
- Trained project members on how to enhance XHTML documents using CSS.

Independent consultant

5/2007 – present

LAMP, JavaScript and Drupal Developer

- Uses a network of independent consultants specialized in Web programming, Web design, copywriting and computer installation/repair to accomplish client goals.
- Establishes a Web presence for clients of all budgets using a variety of Web site products ranging from \$300.00 Web sites that use GPL designs and basic functionality to reduce costs to \$15,000.00 high-end Web applications.
- Knowledgeable of the Scrum, Extreme Programming (XP) and Unified Process (UP) agile project management methodologies.
- Deploys all software projects on the Linux, Apache, MySQL and PHP (LAMP) stack.
- Responsible for managing remote Debian Linux Virtual Private Servers using the Bourne Again Shell (Bash) via SSH.
- Continuously installs, configures and updates Drupal content management systems.
- Experienced in the use of mainstream Application Programming Interfaces (APIs) and frameworks like Zend Framework, PEAR, JQuery, Prototype and Yahoo User Interface.
- Experienced with E-Commerce services like Paypal and Google Checkout.
- Experienced with XML, Xpath, and XSLT.
- Developed the following sites:
 - <http://laacera.com> (2010)
 - <http://pges.net> (2009)
 - <http://nextlevel4pc.com> (2009)
 - <http://alexanderallen.name> (2009)
 - <http://bhatia2008.com> (2008, offline)

**United States Army Reserve,
Fort Buchanan**

9/2002 – 09/2010

42A, Human Resources Specialist

- Manages military personnel records, award recommendations, pay, deployment readiness and other clerical functions.

25B, Information Management Technician

4/2006 – 2/2007

- Managed physically and remotely desktops, servers and shared drives on a local network spanning more than 150 nodes on a daily basis thru Active Directory (AD) and DameWare 5.5.
- Oversaw DOD (Dept. of Defense) Information Assurance policies on both secure and non-secure networks regarding removable media security, secret and confidential documents, authorized software and smart card access.
- Implemented organizational online directory using XHTML, CSS, PHP and MySQL.
- Installed more than 5 miles of CAT 5, 5e and 6 cables.
- Conducted maintenance and repair on CISCO VOIP and 66-Block based telephone devices.
- Trained other soldiers on the proper use of Microsoft Windows Operating System and Microsoft Office productivity suites in accordance to DOD security policies.
- Processed Microsoft Exchange email account creation requests and user accounts setup.

WEB DEVELOPMENT PROFICIENCY

Programming Languages

XHTML, CSS, PHP 5.x, JavaScript, ActionScript 2.0

Other Web Development Technologies

XMLHttpRequestObject (AJAX), Subversion version control system (SVN)

Data Storage and Access

MySQL, XML, JSON, Xpath, XSLT

Some Application Programming Interfaces and Frameworks used

Drupal 6.x API (and Moodle), JQuery, Prototype, Zend Framework , Yahoo User Interface, Google Calendar API, PayPal, Flickr API

Software Toolbox

Zend PHP Studio for Eclipse IDE, Dreamweaver MX 2004 IDE, MSQL Query Browser, Photoshop CS3, Illustrator CS4, Oxygen XML Editor, Flash 8

EDUCATION

B.S., Social Sciences/Political Sciences

3rd year, currently not enrolled

*Universidad de Puerto Rico,
Recinto de Rio Piedras*

**PHP 5.0 Certification Preparation Boot
Camp**

Completed 4/2007

Netcom Info, New York, New York

**Basic Combat Training / Advanced
Individual Training**

1/2003 – 4/2003

*369th Adjutant General Battalion,
Ft. Jackson, South Carolina*

High School
*American Military Academy,
Guaynabo, Puerto Rico*

5/2002

AWARDS AND ACHIEVEMENTS

U.S Army Sergeant (E-5)

Promoted on August 2007 by Colonel Fernando Fernandez, 166th Group Commander

Decorations

Meritorious Service Medal, Army Commendation Medal, National Defense Service Medal, Global War on Terrorism Service Medal, Iraq Campaign Medal, Army Service Ribbon, Overseas Service Ribbon, Army Reserve Component Overseas Training Ribbon, Armed Forces Reserve Medal