

Karl Norling

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I have 5 years' experience as a technical lead and contributing developer on web projects, including developing websites in PHP and Python, implementing design with XHTML, CSS and JavaScript frameworks, following the WC3 standards, and SEO optimization.

I thrive on new challenges. I'm looking to work on a team to share developments in technology and solve problems for creative web implementations.

Work Experience

Method, Inc.

San Francisco, CA & New York, NY
August 2005 – Present

Some examples of key sites:

Client: PBS

<http://www.pbs.org> (not live yet)

Developed XHTML and CSS templates for the new PBS.org website (not live yet). Used jQuery as JavaScript framework, and wrote JavaScript widgets for custom integration of new PBS.org header and footer on producer websites. Supported a wide range of browsers, including IE6 and Opera 9.x.

<http://video.pbs.org>

Developed XHTML and CSS templates and optimized templates for SEO. Used jQuery to develop interactions and behavioral layer to interact with templates. Set up local development server with CentOS and Django, running through Apache with MySQL a database.

Client: Count Me In - <http://www.makemineamillion.org>

Developed XHTML and CSS templates and integrated them into Zend Framework PHP application. Used custom jQuery JavaScript in combination with the canvas tag to render graphs in HTML. JavaScript performance and website optimization.

Client: Method.com - <http://www.method.com>

Developed XHTML and CSS templates and optimized templates for SEO. Added CMS-based SEO meta information to be added on per-page basis. Used Symfony as PHP framework. Developed CMS system in Symfony to facilitate easy update of the website; designed the data model and wrote a special controllers based on the new site structure to pull the correct content set via the CMS.

Client: Gensler - <http://www.gensler.com>

Developed with the Symfony PHP5 framework. Built content management system and used AmfPHP to send data to the Flex frontend. Optimized Flex website for SEO using SWFObject and SWFAddress, providing ability for deep linking.

Client: Organic Motion - <http://www.organicmotion.com>

Created custom PHP framework. Based the site structure on XML schema file that determined the pages and how they should behave. Using Smarty as template engine, developed templates in XHTML and CSS. Executed JavaScript for communication with a Flash video player.

Client: TED - <http://www.ted.com>

Core team member with extensive involvement, including developing in Symfony PHP5 framework. Completed significant frontend work. Produced templates using XHTML & CSS. Built elements of the CMS. Cached large portions of the website and added SEO optimization, RSS feeds and iTunes video feeds. Communicated directly with client for scoping and defining new features as site was enhanced over time; briefed additional developers on feature details and managed tasks to completion.

Client: The Apartment - <http://www.theapartment.com>

Migrated 12,000 existing blog posts from Typepad to WordPress to support blog features for the Flex-based website. Developed AmfPHP based on WordPress to send AmfPHP data to the Flex blog. Executed JavaScript, XHTML and CSS for additional homepages.

Client: EMC Insignia - <http://www.emcinsignia.com>

Using legacy PHP code and MSSQL, introduced MVC pattern using Smarty as template engine. Wrote new MSSQL queries, used a number of PEAR classes and developed templates in XHTML and CSS.

Technical Skills

- 5 years' experience in PHP, XHTML, CSS and MySQL; prefer to code in PHP 5 with OOP approach
- Very familiar with the MVC pattern and different design patterns in PHP
- Extensive experience with the Symfony PHP framework, developing templates after W3C standards and SEO optimization of templates
- Experience with JavaScript and JavaScript frameworks like jQuery, MooTools, and Dojo
- Working knowledge of Adobe Photoshop and Adobe Illustrator
- Experience with task load management and tracking bugs, using systems like TRAC/JIRA to track bugs
- Familiar with setting up the LAMP stack on CentoOS, setting up SVN and using SVN for source control

Awards

Pixel Award

Webby Awards 2008, PodCast, Best Navigation/Structure, Best Visual Design – Function: TED.com

Web Visionary Awards 2008: Technical Achievement: TED.com

Omma Awards 2008, Video Sharing: TED.com

Webby Awards 2007, Official Honoree: SFMOMA ArtThink

W3 Awards 2007, Silver Awards: SFMOMA ArtThink, Ted.com, The Apartment

Education

Hyper Island

August 2004 – May 2006

Completed Vocational Studies program in Karlskrona, Sweden. Conducted interviews and screening to assist in the recruitment process of applicants for Hyper Island for 2007 and 2009.

Blekinge Institute of Technology

August 2000 – June 2004

Completed Masters Degree in Computer Science in Karlshamn, Sweden. Conducted lectures in XHTML and CSS the last semester of the program.

References & Code

References and code examples are available upon request.