

Technical Leader

Team Leadership ♦ Project Management ♦ Process Improvement ♦ Software & Systems Architecture
Client & Relationship Management ♦ Due Diligence ♦ Strategic Planning ♦ Staff Development
Internet Application Development

PROFESSIONAL PROFILE

- ♦ Sophisticated technology professional with more than 12 years of experience writing & developing software, managing projects, teams, and process at both large and small organizations, public and private, established and at start-up.
- ♦ Strong leader with motivational management style, deep grasp of existing and emerging technologies, with a reputation for completing complex and extensive projects on budget and on time.
- ♦ Dynamic & creative achiever with a proven track record for identifying process bottlenecks, researching & implementing improvements, and creating cost saving efficiencies.

TECHNICAL SKILL SET

- Software Design & Programming: PHP (3,4,5), PERL, ASP (classic, C#), SQL, Ruby (Ruby on Rails), Coldfusion 4.5-MX, AWK, BASH and Merlin/Commodore 64 machine language
- Front End Development: JavaScript (Including JQuery, Prototype), CSS, basic Flash Action Scripting and XHTML (including ADA & Section 508 semantic markup)
- Systems Administration: RedHat Linux 6.2 – ES 4.0, FreeBSD 4.5-5, SunOS 5.8
- OS Experience: AmigaDOS, LINUX (Red Hat EL, Gentoo, Debian, Ubuntu), FreeBSD 4.5-5, Irix, Windows, Solaris
- CMS expertise: RedDot, eZPublish, Joomla/Mambo, Wordpress, Movable Type, Bricolage, Accrisoft Freedom, Ektron CMS 400, Drupal, GetActive, Convio, and Microsoft Sharepoint (including Portal Server)
- ERM expertise: SilverPop, Constant Contact, and Microsoft CRM, Convio, GetActive, ROI Revolution, D3000, SimpleView, IDSS
- Source Control Systems: Visual Source Safe, CVS, Subversion

PROFESSIONAL EXPERIENCE

June 2008 – Present

Director of Software Engineering, TIG Global

Hired to create a complex / large projects team & expertise within company. Began modernization of architecture & software solutions including use of CMS systems, XHTML & CSS built sites, and use of multiple off-shore and outsourced vendors for technical development. Responsibilities included setting policy for & identifying all client software & technology solutions, internal software & systems development, research & development, vendor relationships, and build process, response to RFPs, as well as assisting in direct sales.

- Assisted in winning over \$2,000,000 in direct sales.
- Oversaw the development of country & area wide site builds such as Curacao.com, Capital Region USA, and the Top Ten Drives of the Northern Rockies.
- Modernized build process, reduced technical maintenance required for sites by 65% on average.
- Helped complete \$400,000 internal software project to create real time reporting dashboard combining data from Yahoo, MSN-Bing, Google, Omniture Analytics, and proprietary internal tracking tools into a single seamless system.

Nov 2004 – April 2008

Director, Technical Services, Virilion
(Formerly Mindshare Interactive Campaigns)

Responsibilities included design & improvement of client technical infrastructures, and creating and maintaining vendor partnerships. Additional responsibilities included managing a staff of five, project leadership, project resource estimation, firm wide technology selection, staff professional development, sales pitches, assistance in responding to RFPs, technical development & execution, due diligence, and the creation and enforcement of best practices and standards.

- Chief technical architect and project lead of “America’s Power” clean coal technologies energy campaign. This \$18,000,000+ project was a two year campaign with multiple web properties, vendors, and technologies, leveraging multiple partner firms and requiring sophisticated project management.
- Chief technical architect and project lead of <http://www.hrc.org>. This \$1,200,000 project launched successfully in August, 2007 after 18 months of development, Mindshare’s largest project to date. Work included integration of multiple 3rd party vendors, legacy databases, and legacy content.
- Chief technical architect and project lead of the www.netlc.org website. This \$500,000+ project was the largest single project in Mindshare’s history at the time, launched Sept, 2005. Work included integration with Adobe Breeze, Constant Contact, customized flash applications, and a customized multi-step workflow system.
- Helped design and deploy the eBay Mainstreet website for high capacity. This project was in support of the largest bulk email delivery in eBay’s history to over 7 million members as part of their Net Neutrality political advocacy campaign.

Nov 2001 – Nov 2004

Senior Software Developer, SP Systems, Inc. & SES Inc / NOAA

Architected & deployed Office of Research and Applications Division’s next generation automated satellite data processing system. (OKEANOS) Developed multi-platform (Linux and IRIX) based applications and scripts to help automate the processing and delivery of environmental satellite data for the National Oceanic and Atmospheric Administration.

- Design and Implementation of OKEANOS automated satellite data processing system. (Including XML-RPC queuing & control system)
- Created & deployed online mapping applications using University of Minnesota’s Mapserver software and DM Solution’s PHP based MapScript API
- Developed and deployed dynamic ESRI shape file creation system.
- Created an dynamic FGDC compliant metadata generator for multiple satellite data streams.
- Administered 10 x86 based Red Hat Linux boxes including the coastwatch.noaa.gov website running LAMP stacks.
- Instituted many process improvements including nightly backups, CVS source control, centralized online documentation, dynamically adjusting firewall rules.

Feb 2001 – July 2001

PHP Software Developer, Buildscape LLC.

Authored PHP applications tied to a massive Oracle database driven e-commerce site serving both desktop and mobile internet-enabled devices. Responsibilities included systems design, implementation, formal code review & testing process management, front end development.

- Helped re-architect web site permissions to allow application functionality to be separated into several separate business rolls while maintaining a single point of entry.

Sept 2000 – Jan 2001

PHP Applications Developer, iSun Networks Inc.

Authored, modified, and debugged web-based applications including a POP3 email client, NNTP client, address book, online contests, user location map, account sign up and creation script, and password hint/retrieval system.

- Wrote an RFC 977/850 compliant NNTP client from conception to completion in PHP.
- Implemented X-Templates PHP based template system to reduce design integration time.

EDUCATION

B.S. Political Science, Guilford College, May 2000

Concentration in Computer Science, Minor in Math, Minor in Physics, Minor in English

Worcester Polytechnic Institute 1995-96 (Transfer)