

Technical Leader

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

PROFESSIONAL PROFILE

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

PROFESSIONAL EXPERIENCE

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

November 2004 – Present

Responsibilities included design and 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 and 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, as Virilion’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 Virilion’s history at the time, launched September 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.

Senior Software Developer, SP Systems, Inc./NOAA

February 2004 – November 2004

Architected and deployed Office of Research and Applications Division’s next generation automated satellite data processing system (OKEANOS). (SP Systems took over my contract from SES, but this was essentially the same position)

- Design and Implementation of OKEANOS automated satellite data processing system. (Including XML-RPC queuing & control system).
- Coastwatch Team Technical Lead.

- Created and deployed online mapping applications using University of Minnesota's Mapserver software and DM Solution's PHP based MapScript API.

Senior Software Developer, SES Inc. / NOAA

November 2001 – February 2004

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.

- Migrated website from static pages to dynamic PHP powered site.
- 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, and dynamically adjusting firewall rules.

PHP Software Developer, Buildscape LLC.

February 2001 – July 2001

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 and testing process management, and 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.

PHP Applications Developer, iSun Networks Inc.

September 2000 – January 2001

Authored, modified, and debugged web-based applications including a POP3 email client, NNTP client, address book, online contests, user location map, account signup 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.

TECHNICAL SKILL SET

- Software Design & Programming: PHP (3,4,5), PERL, ASP (classic, C#), SQL, Ruby (Ruby on Rails), Coldfusion 4.5-MX and Merlin/Commodore 64 machine language
- Front End Development: JavaScript (Including DHTML & AJAX), CSS, basic Flash Action Scripting and XHTML (including ADA & Section 508 accessibility 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
- Source Control Systems: Visual Source Safe, CVS, Subversion

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)