

Jeremiah Fisher

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Languages: PHP, JavaScript, Java, Perl, ASP, JSP, VB, C++, x86 ASM, C#, Python, bash

Web Development: XML, XSLT, XPath, XSL:FO, HTML/XHTML, DOM, AJAX, SOAP

RDBMS: MySQL, PostgreSQL, SQL Server, SQLite

Other: UML, Subversion, Git, Bazaar, CVS, RCS, OmniGraffle, Visio, Rational Rose, xUnit, LAMP administration

Work Experience

Project Architect at For Rent Media Solutions, Dominion Enterprises

Feb 09 - Present (interim position); Norfolk, VA

Responsible for all technical decisions related to a large-scale rebuild of ForRent.com and three related sites serving 2.6 million unique visitors per month. This rebuild included a new data warehouse, business intelligence suite, unified management console, and consumer-facing search, and required my supervision of up to 14 technical workers in addition to my 12 direct reports.

Selected Accomplishments:

- While continuing to serve as web development manager of another division, assumed direct command of a delayed and faltering rebuild of ForRent.com's search, delivering in four weeks a successfully redesigned apartment search that increased lead conversion by nearly 35% and significantly reduced home page abandonment.
- Wrote the interface between a Lucene-based search appliance and the PHP and SQL Server components of ForRent.com.
- Successfully placed key reports I had mentored in leadership positions over other parts of the rebuild, resulting in an increase in throughput as well as technical quality.
- Replaced an internal framework that had failed to meet expectations with Zend, writing adaptations as needed.
- Prepared for the migration of ForRent.com and it's sister sites to a new, unified database schema.
- Improved cross-disciplinary interaction and problem-solving through process changes, coaching, and most importantly by example, working side-by-side with the team.

Web Development Manager at Resite Online, Dominion Enterprises

May 07 - Present; Norfolk, VA

Responsible for coordination of all technical resources supporting two LAMP product suites in the multifamily housing industry; supervising, recruiting, and scheduling a cross-disciplinary team of a dozen engineers and one creative project manager.

Selected Accomplishments:

- Worked with sales, customer support, and operations to improve workflows as well as release management, including the development of a detailed service-level agreement for technical tasks and a new release process that reduced release intervals from 6 to 2 weeks.
- Assisted in technical pre-sales and worked closely with numerous clients and vendors in estimating and delivering custom enhancements and integrations including those with call tracking providers, payment processors, background screeners, property management systems, and more.
- Oversaw the technical planning and execution of two transitions resulting from a merger and subsequent relocation of an acquisition, improving product stability and overcoming a backlogged production queue of over 300 web sites in the process.
- Developed and conducted training sessions to teach subjects such as UML and design

"Jeremy's integrity is beyond question. He does what he says, and says what he means. He is respected by all who interact with him."

-Paul Sipe

Sr. Director of Engineering,
Dominion Enterprises

"Jeremy has a creative mind, great self-discipline, and the technical and interpersonal skills to tackle almost any assignment."

-Doug Stanfield

Manager, Internet Communications,
Penn State

"It is a rarity to find an applicant with all the qualities, personality, and skills of Jeremiah Fisher. I say with complete confidence he will be an asset to your organization."

-Cheryl Cozart

IT Administrator, PA
D.C.N.R.

- patterns to a engineering staff, product analysts, and quality assurance engineers (slides available at <http://rentawebgeek.com/speaking>). Also encouraged and supported similar training sessions produced by key reports on subjects like unit testing and usability.
- Championed the use of industry best-practices such as UML to improve documentation and communication, good release management practices to improve change management, and others such as iterative releases and Test-Driven Development, resulting in a culture of continuous improvement.

Lead Software Engineer at Resident Source, Dominion Enterprises

Sep 06 - May 07; Norfolk, VA

Responsible for the quality and timely delivery of classes and database queries for a highly-available resident portal, CMS, and lead management system built on the LAMP platform, which was constructed in six months time.

Selected Accomplishments:

- Supervised four other programmers.
- Introduce Subversion and design patterns to the team.
- Championed positive changes such as moving from Excel to Trac for bug tracking.
- Assisted the web development manager with scheduling and task delegation.

Programmer/Systems Administrator at UtiliVision, Inc.

Nov 02 - Present; State College, PA

Responsible for the development and maintenance of an online bill auditing application, especially for the performance and reliability of the system and the linux servers that host it.

Selected Accomplishments:

- Participated in all phases of the SDLC of a web-based bill auditing system with over 1,500 customers.
- Supported a legacy bill auditing system, and migrated customers to it's successor.
- Wrote reports in XML and wrote XSL transformations to many formats.
- Administrated five LAMP servers with MySQL replication.

Sr. Programmer/Analyst at The Pennsylvania State University

July 05 - Sep 06; State College, PA

Responsible for meeting the development and systems administration needs of University Relations, including the Penn State news sites <http://live.psu.edu> and <http://newswires.psu.edu>.

Selected Accomplishments:

- Enhanced the PSU news sites with features such as RSS feeds, full text searches, and improved administration interfaces.
- Key member of and frequent presenter at the Web Standards Users Group.
- Created several Apple dashboard widgets.
- Designed a new architecture around MySQL Cluster for a highly available news system.
- Member of the AD54 committee, charged with enforcing web standards and style guide compliance across all Penn State web sites -- a move that improved the brand strength and and was expected to save PSU many thousands of person-hours per year.
- Managed several Linux and OS X servers as well as other equipment.

Sr. Programmer at Lazerpro Digital Media Group

Sep 04 - Jul 05; State College, PA

Charged with managing technical projects, including eliciting requirements, writing specifications, and communicating with customers throughout implementation, acceptance testing, and deployment.

“From the personal perspective, I have found Jeremiah to be a man of high moral caliber. His integrity and hard work has earned my trust and admiration.”

-James Madine
Instructor, PTI

“I found Jeremy's programming skills, database knowledge, and business sense as commensurate with those of colleagues much his senior.”

-Patrick Lanphier
CIO, Artemis Group

Selected Accomplishments:

- Supervised two programmers.
- Worked with sales and senior management to improve the reusability (and subsequent profitability) of technical solutions.
- Maintained highly available LAMP websites with traffic bursts of over one million hits per hour (with MySQL replication and Intel load balancers).
- Administrated about 15 Linux servers in support of services such as DNS, e-mail, radius authentication, and high-availability web hosting for a regional ISP with about 4,000 users.

Intranet Developer at PA D.C.N.R.

Oct 01 - Sep 02; Pittsburgh, PA

Responsible for developing and maintaining internal records-keeping applications using PHP, ASP 4, and SQL Server.

- Elicited requirements for and built new service tracking application in ASP and SQL Server. Also imported data from three legacy systems and conducted user training sessions.
- Performed SQL Server and IIS administration
- Represented PA DCNR at a meeting in St. Petersburg, FL discussing a new 28-state XML standard for oil and gas reporting. Began implementing system to consume this new standard in PHP 4.

Internet Multimedia Developer at UtiliVision, Inc.

Mar 00 - Sep 00; State College, PA

Responsible for developing instructional videos in Flash, QuickTime, and RealMedia

Information Technology Intern at PA D.O.C.

Jul 99 - Jun 00; Huntingdon, PA

Responsible for windows NT and network administration, as well as the development and support of internal database applications in Access and VB.

Professional Development

- Richard Caliguiri Renaissance Award (best of discipline), Pittsburgh Technical Institute
- Certified Software Systems Developer, Carnegie Technology Education
- Member of The Pennsylvania State University's certifying board for the Pennsylvania Digital Technology Education certification
- Presenter at the NMHC technology conference, October, 2007
- Attended the following conferences: MacWorld San Francisco, January, 2006; Rockhurst University Continuing Education Center's Search Engine Optimization, February, 2006; Nielsen Norman Group's Eye Tracking Web Usability session, Usability Week 2006; Penn State Web Development Conference, June, 2006; php|tek Chicago, May, 2007

Education

Indiana University of Pennsylvania, Indiana, PA
Bachelor's of Science, Information Assurance

Attended Fall Semester 2003, Spring Semester 2004

Pittsburgh Technical Institute, Oakdale, PA

Associate in Specialized Technology Degree in Computer Programming
Graduated October 2002, Honors

“Excellent ability to see the big picture. When he's allowed to make the decisions he makes good ones.”

“Almost shocking in his breadth of knowledge. There's no way someone should know so much about so many different facets of the job. Someone like Jeremy, with the skills, personality, and drive that he possesses, comes around very rarely. Being that type of employee is something that cannot be taught.”

“Bottom line: Jeremy is a keeper!”

-Peer Comments

Lazerpro Digital Media Group