

Cameron Watters

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Strengths

- Able to quickly grasp and learn new technologies and apply them to solve real business problems
- Able to effectively explain, train, and roll out new methods and patterns across a technical organization—without resorting to managerial mandate
- Able to communicate effectively—verbally and in writing—across multiple disciplines—engineering, marketing, product management, project management, sales, and accounting
- Success working in and leading/managing others in heterogeneous team structures and organizational environments—remote/work-from-home, satellite office, and central office
- A strong track record of building teams with high-trust, empathetic cultures
- A strong track record of eagerly tackling *and solving* difficult, complex technical and business problems—often after others have given up on them
- Broad experience that spans the technical landscape, including systems administration, datacenter operations, site reliability engineering, and software engineering for web and desktop

Skills

I have experience writing, shipping, and operating production software and systems using the following technologies (not exhaustive):

C#/.NET/Mono | Objective-C | JavaScript (in-browser and Node.js) | Java | C | SQL | Bash | PHP | Python

MySQL | SQL Server | Redis | Elasticsearch | PostgreSQL

RabbitMQ | HAProxy | NGINX | MSMQ | Puppet | Docker

Linux (RHEL/CentOS, Debian/Ubuntu) | FreeBSD | Mac OS X (Client & Server) | Windows (NT 4/2000/2008/2012) | SmartOS

Employment History

Joyent

August 2016 – Present

Senior Solutions Engineer

- Assist with transition to Joyent's cloud for a high-traffic biometric authentication backend for use by financial institutions.
- [Added support for Joyent's object store to HashiCorp's Terraform](#)
- Assist with private datacenter extension into public cloud for a Global 15 company

Faithlife Corporation

January 2009 – August 2016

Director of Engineering for Enterprise and Operations (September 2015 – August 2016)

Software Development Manager (June 2012 – September 2015)

Dev Lead (March 2011 – June 2012)

Software Developer (January 2009 – March 2011)

- Directly led and managed 35+ engineers and team leads, including datacenter operations, core web services, and e-commerce systems
- Provided technical architecture leadership and guidance for web services and infrastructure across the engineering organization (90+ engineers)
- Re-architected and overhauled the SDLC for e-commerce web applications and services, including the introduction of continuous delivery
- Co-led the design and rollout (in 2011-2013) of a service-oriented architecture using HTTP APIs while applying principles of domain-driven design and continuous delivery (what people now call "Microservices")
- Successfully overhauled enterprise engineering project workflow to help prioritize projects based on expected business value rather than (only) internal politics
- Implemented various features for flagship desktop application on Mac and Windows.
- Designed and implemented book photo ingest, OCR, text and image processing pipeline for <http://books.logos.com>

PIER Systems, Inc

June 2006 – September 2008

Sr Software Engineer (January 2008 – September 2008)

Director of Technology (January 2007 – December 2007)

Software Engineer (June 2006 – December 2006)

- Maintained and enhanced company's flagship web-based crisis communication software (Java, ColdFusion, MySQL).
- Worked on the development of company's "next generation" web-based communications platform (Java, Spring MVC, Hibernate, MySQL).
- Administered highly-available primary and failover Linux server cluster(s) for the company's flagship application (LVS/heartbeat/ldirectord, MySQL replication).

Toolhouse Design Company

October 2000 – June 2006

Senior Technology Architect (August 2004 – June 2006)

Systems Analyst (June 2003 – July 2004)

Web Programmer (October 2000 – May 2003)

- Built multiple client web software projects on diverse platforms (LAMP, Microsoft, J2EE/Tomcat/Struts/JSP, ColdFusion).
- Built a web app development framework using PHP supporting both MySQL and PostgreSQL databases.
- Built a custom e-commerce system including web-managed catalog, shopping cart, payment processing & automated faxing using PHP supporting both MySQL and PostgreSQL databases.
- Built web-based architectural lighting configuration software to replace a 600 page ordering manual, reducing average quote generation time to 2 hours from 2 days.
- Built a web-based client extranet to facilitate client file upload/download and collect and manage client feedback.
- Managed technical project requirements & coordinated with clients, creative and technical staff to successfully integrate web-based and desktop application deliverables with client applications.
- Administered internet hosting platform using primarily open-source software, including Red Hat Linux, FreeBSD, Apache, MySQL, PostgreSQL, & PHP.

Education

1. University of Washington, 1996-1997 (No Degree)