Peter Lyons
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OBJECTIVE
To build great web applications and work on start-up businesses

SITUATION
I am a veteran top-level software developer with a successful career in enterprise application development. I have now switched my focus to modern web application development and start-ups.

TALENT
My talent is based upon relentless work ethic and confidence, commitment to thoughtful design, deep concern for quality and usability, and dedication to simplicity and pragmatism.

SKILLS

Web Development: Ruby, Ruby on Rails, JavaScript, jQuery, HTML, CSS, git, Mac OS X, Wordpress, nginx, Apache, PostgreSQL, MySQL

Enterprise Software: Python, Java, SQL, Bourne Shell, Linux, Windows, Solaris, Subversion, Clearcase

Core Knowledge: Design Patterns/OOD, TCP/IP Networking, Systems Administration, Troubleshooting, Test Driven Development, Agile/Scrum, Extreme Programming

Miscellaneous: ActionScript/Flex, WebObjects, regular expressions, ant, jUnit, log4j, JSP/Servlets, VBScript, ASP.NET, WMI, LDAP, DHCP, FTP, SMTP, DNS, XML-RPC, Samba, openssl, CVS, MoinMoin

EXPERIENCE

Hewlett-Packard, Cupertino, CA (www.hp.com)
Software Design VI   November 2007-January 2011
- Led a large team to a successful re-architecture of the OS provisioning feature - slashing technical debt, reducing complexity, and providing an easier to use and more powerful feature with six times *less* code
- Designed and implemented a best-in-class Solaris Patching feature based on my own professional services work while consulting at Opsware customers
- Development lead for OS Provisioning and Solaris Patching features on the HP Server Automation product across multiple releases
- Maintained and improved a large, mature, and complex code base. This includes making careful trade-off decisions around product functionality, defect management, and quickly resolving top-priority customer escalations
- *Note Opsware was acquired by HP in November 2007 for $1.6 billion*

Opsware, New York, NY (www.opsware.com)
Senior Consulting Engineer   August 2004-November 2007

- Technical lead for the Eastern US, providing best practices, guidance, procedures, and support to less experienced team members
- Developed enhancements to meet the needs of large financial services clients. Enhanced Opsware's Solaris Patching capabilities for deeper automation. Created program to synchronize user accounts with an external LDAP directory. Developed new web GUIs for customer-specific enhancements.
- Worked closely with customers to design, plan, and implement Opsware Server Automation System to automate management of complex, large-scale, heterogeneous, enterprise data centers
- Provided troubleshooting, analysis, and technical expertise in high-pressure, escalated production problems
- Successfully upgraded nearly every Opsware customer in the Eastern US. Used precision and careful, thorough planning to turn nightmare, disaster-prone on-site product upgrades into successes.

Accenture, New Providence, NJ (www.accenture.com)
Senior Programmer   November 2002-August 2004

- Responsible for planning, design, implementation, and operation of multiple carrier-class highly-available computer networks involving dozens of servers, layer 2 and 3 network switches and routers, fiber channel SAN systems, firewalls, load balancers, SSL accelerators, and tape backup
- Designed and implemented enterprise-class software solutions using Microsoft Active Directory, DNS, Exchange Server, Microsoft Operations Manager, IIS, SQL Server, ISA Server, Commerce Server
- Developed an end user self-provisioning portal for a Hosted Exchange solution including database schema design, T-SQL stored procedures, object-oriented business logic classes, an abstract reusable superclass for persistent business objects, transaction processing across multiple databases, LDAP directories, and web services, a robust exception handling and logging system, and web presentation layer in ASP.NET
- Served as key resource in troubleshooting and resolving difficult problems in both functionality and performance in heterogeneous network environments
- Quickly learned a vast array of cutting edge hardware and software technology from a wide range of vendors

CodeFab, Inc., New York, NY (www.codefab.com)
Software Engineer   August 2001 - September 2002
- Developed and maintained numerous sophisticated database driven web applications including a real-time trading system
- Integrated diverse technologies such as email (JavaMail), LDAP directories (JNDI), XML-RPC, and WebDAV
- Created transparent, on-the-fly database upgrade system that significantly reduced the downtime, risk and complexity of updating production software
- Designed, developed, and integrated centralized, single sign-on authentication system that allowed employees to use multiple web applications without needing to reauthenticate
- Maintained internal and external company web sites; redesigned and updated external web site for better standards compliance, browser compatibility and easier access to current information
- Created simple content management system to facilitate updating news section of the web site

EDUCATION

Oberlin College, Oberlin, OH
Bachelor of Music in Saxophone Performance, GPA 3.98   May 2001
- Courses in Object-Oriented Programming, Databases, Networking, and Computer Organization

HOBBIES AND INTERESTS
Music, saxophone, rock climbing, mountain biking, hiking, skiing