

# Keegan Quinn

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## Objective

Senior-level position working with advanced Internet technologies in a creative, open-source-friendly environment.

## Strengths

- Planning, including project requirements and specifications.
- Problem solving, troubleshooting and diagnosis of complex systems.
- Agile software development.
- Database design and implementation.
- Learning quickly and adapting to new and rapidly-changing environments.
- Professionally involved with the IT industry since 2001.

## Experience

**Consultant** - Independant - August 2005 to present

Provided software and systems expertise to organizations such as:

- National Psoriasis Foundation
- Sunstone Circuits LLC
- Versation
- River Network
- Stephouse Networks

**Software Engineer** - *Storix, Inc.* - June 2009 to December 2010

- Added features and resolved issues with the company's backup software product.
- Provided telephone and Internet-based support to customers.
- Developed and managed software testing and quality assurance procedures.

**Software Engineer** - *Respond2, Inc.* - February 2001 to November 2004

- Developed and maintained an enterprise-class e-commerce framework using J2EE.
- Developed a multitude of microsites and database applications using PHP.
- Maintained critical network and server components.
- Handled conversion of Exchange mail server to open source solution.

## Affiliations

Personal Telco Project - Board of Directors

Debian Project - Contributor

Portland Ruby Brigade - Member

## References

References, code samples and other details are available on request.

# Technical Skills

## Systems

- **Operating Systems**
  - Debian GNU/Linux
  - Ubuntu
  - Fedora Linux
  - Red Hat Enterprise Linux
  - Apple Mac OS X
  - FreeBSD
  - OpenBSD
  - GNU/HURD
  - Oracle Solaris
  - IBM AIX
- **Server Software**
  - Apache web server
  - lighttpd web server
  - BIND DNS server
  - Postfix mail transfer agent
  - Sendmail mail transfer agent
  - Dovecot IMAP/POP3 server
  - OpenLDAP directory server
- **Networking**
  - Ethernet (IEEE 802.3)
  - WiFi (IEEE 802.11)
  - IP, TCP, UDP, ICMP
  - CIDR
  - Firewalls
  - IPsec
  - Tunneling: OpenVPN, PPTP
  - Dynamic routing: BGP, OSPF
  - Mesh routing: OLSR, batman-adv
  - Cisco IOS

## Software

- **Frameworks**
  - Ruby on Rails
  - jQuery
  - Prototype
  - Doctrine
  - CakePHP
- **Programming Languages**
  - Ruby
  - Java
  - Objective-C
  - Python
  - PHP
  - Perl
- **Databases**
  - PostgreSQL
  - MariaDB
  - MySQL
  - SQLite
  - Oracle
  - Microsoft SQL
- **Web Standards**
  - JSON
  - XML
  - JavaScript
  - CSS
  - HTML
- **Security**
  - Transport Layer Security (TLS)
  - Secure Sockets Layer (SSL)
  - Public Key Infrastructure (PKI)
  - PGP, GnuPG
  - X.509

## Management

- **Methodology**
  - Agile software development
  - Extreme Programming (XP)
  - Test-Driven Development (TDD)
  - Behavior-Driven Development (BDD)
- **Revision Control**
  - Git
  - Mercurial
  - Bazaar
  - Subversion
  - CVS
  - RCS
- **Issue Tracking**
  - Redmine
  - Trac
  - RequestTracker
  - Bugzilla
- **Documentation**
  - DocBook
  - LaTeX
- **Collaboration**
  - MoinMoin
  - TWiki
  - MediaWiki
  - SugarCRM