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