

# ILYA HAYKINSON

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## OBJECTIVE

A senior software engineering or software architecture position at a fast-paced, growing company.

## SKILLS PROFILE

- Deep familiarity with the software development life cycle. Expertise in enterprise and consumer desktop application and web-based software development.
- Expertise in C#/ .NET, high degree of knowledge of PHP, familiarity with Java, Perl, Ruby, Powershell, and other languages. Knowledge of SQL Server, MySQL, and Oracle relational database systems.
- Experience in system administration of Windows and Linux servers and clients, firewalls and switched networking, data center implementations and operations, T1/PRI interfaces, and corporate IT.

## EMPLOYMENT HISTORY

### **Kareo, Inc. – Software Architect; Acting VP of Software Engineering**

2/1/2004 – 9/21/2007

*Irvine, CA*

- First employee of an enterprise software-as-a-service company focused on the medical billing industry. As acting Vice President of Engineering between May 2005 and March 2007, hired and managed a technical team of 12 software developers, testers, and systems engineers and managed four consultants in three time zones to perform short and long-term projects. Attended industry conferences and served as company's technical representative to prospective clients; directly interacted with customers to resolve escalated support issues; represented the company on technical matters in meetings with potential and actual investors.
- Implemented and maintained the desktop application's core user interface framework; developed the product's multi-tenant architecture; designed, implemented, and maintained a document management server and various clients.
- Conceived, designed, and implemented the product's application security model and authentication subsystem; conceived and implemented an encrypted data store for credit card info. Designed and implemented a flexible, high-performance database-driven business rule framework and rule set for automated payment posting; created capabilities and technology to allow for private label versions of the product.
- Designed and implemented an automated error reporting service for catching, categorizing, and reporting on software defects found in the field; designed an automatic update mechanism for client software; developed an automatic test environment for the product's server; created a scheduling system for pluggable server-side jobs.
- Designed and managed implementation of a document printing subsystem based on the SVG standard and an XML-based predicate-action business rule syntax; deployed a server logging framework; designed and managed implementation of a website framework for corporate and customer web sites.
- Maintained and extended the company's Windows Mobile handheld application for doctors, implementing automatic update and error reporting capabilities. Helped design and managed the development of a multi-tenant fax-to-document-management system. Worked with healthcare electronic data interchange (EDI) standards for including ANSI X12 837/835 (electronic claims and remittances) and 270/271 (patient eligibility) standards as well as the HL7 protocol for vendor-to-vendor integrations.
- Implemented multiple uni- and bi-directional third-party connections to other healthcare software vendors; developed tools and performed automated and manual data imports (ETL) for patient demographic data; implemented an RSS-based user notification system for system messages and warnings.
- Used: C# / .NET, SQL Server 2005, Jscript/VBScript, ASP.NET, Powershell, Ruby

### **Skematix Corp. – Senior Software Engineer**

12/15/2001 – 12/31/2003

*El Segundo, CA*

- Worked as a software development consultant for several consumer and enterprise software projects. Implemented GUI, server, and database applications for an equipment appraisal company, managing hundreds of thousands of items. Worked on an n-tier client/server software system for a medical billing company; developed a client framework and implemented several releases of Internet-based administration and accounting system. Served as a .NET consultant for a consumer Internet-based multimedia startup.
- Used: C# / .NET, C++ on Windows, SQL Server 2000

**Red Swoosh, Inc. – Senior Software Engineer**

1/15/2001 — 11/15/2001

*Los Angeles, CA*

- First employee of the company. Responsible for strategy, architecture and implementation of the customer reporting and system statistics infrastructure for the company's content delivery network. Duties included: development of back-end server applications, storage and fraud detection mechanisms, creation of prototype and production ActiveX installer. Led all customer integration and post-sales support initiatives. Conceived, designed and implemented a customer extranet. Supported company via external contracting work including design and implementation of a vehicle dispatching system for University of Southern California.
- Used: C++ on Windows/Linux, ATL for ActiveX development, Visual Basic, Oracle 9i, PHP

**Scour, Inc. – Principal Software Engineer; Director of Web Engineering**

2/15/1998 — 12/27/2000

*Beverly Hills, CA*

- Part of the founding team; participated in all major company direction decisions. Helped build the company from 1 to 70 full-time employees. Led engineering and product management team to create the company's high-traffic web site product (over 5 million daily page views), as well as peripheral product sites, content management systems and internal tools. Participated in different capacities in various corporate, operations, and product development roles.
- Developed core of the patent-pending video previewing system. Created a development system for web site engineering. Filled various roles as needed in early stages including system administration, DBA and network engineering. Planned and deployed the database for second biggest peer-to-peer file sharing system (Scour Exchange), supporting over 4 million users. Created and supervised further development of a content management system. Managed partner and customer integration for content aggregation and search system syndication.
- Used: C++ on Windows and UNIX, Oracle 8i, PHP 3 and 4, ASP, Perl, Java, MySQL, SQL Server 2000

**Steeplechase Media Inc. / Comspan Communications – Web Specialist**

9/15/1997 — 2/14/1998

*Santa Monica, CA*

- Created enhanced TV programming for demonstrations of Microsoft Enhanced (Interactive) Television. Pitched system and services to potential TV industry clients. Wrote web and search systems for mini-sites.
- Used: Visual Basic, DHTML, ASP, Perl

**Microsoft Corp. – Software Test Engineer (intern, and on contract)**

5/21/1995 — 9/14/1997

*Redmond, WA*

- Worked, first as intern and later as contractor, on Visual FoxPro and Windows 98. Created test plans and test specifications for components of applications. Wrote a system for automatic stress and performance testing of the Windows 98 TV Viewer component (WebTV for Windows). Participated in product decisions for the MS Broadcast Data Architecture.
- Used: C/C++, ASP, DHTML, XBASE

## EDUCATION

**University of California, Los Angeles (UCLA) – Computer Science**

9/1/1996 — 5/1/1998

- Majored in Computer Science

## OTHER INFORMATION

- Volunteer experience as Coordinator of the Wikinews Workgroup, Wikimedia Foundation, St. Petersburg, FL
- Author of several open-source tools for Wikipedia and other platforms.
- U.S. Citizen.