

Andrew Ho

San Francisco, CA
andrew@zeuscat.com

Applicable Job Skills

- Architecting, implementing, and operating scalable, highly available, distributed backend systems.
- Developing application software using Perl, C, Scheme, Java, and Unix shell scripting.
- Deploying web servers utilizing load balancing, caching, and replication and partitioning of data.
- Creating server-side applications under frameworks including mod_perl, FastCGI, and Java servlets.
- Database programming using Oracle, MySQL, PostgreSQL.
- Building websites using CGI, HTML, CSS, and JavaScript.

Work Experience

Tellme, a Microsoft Subsidiary

Mountain View, California

February 2000–present

Senior Software Development Engineer. Worked flexibly in roles encompassing product development, network operations, infrastructure development, project management, professional services, and developer support. Helped rearchitect the Tellme network to handle the demands of millions of performance-intensive directory assistance calls per day. Created and maintained a text processing server farm that processes millions of directory assistance records hourly. Architected and built a high-performance, reliable BerkeleyDB data store that powers the Tellme voice activated dialer product. Designed and shipped XML web services to expose feeds, databases, and other persistent data to Tellme voice portal VoiceXML applications. Wrote a ticket tracking system. Created Oracle data APIs for a Scheme based web application. Helped design and deploy over a thousand servers running Apache/mod_perl, Tomcat, Resin, and custom software.

Talarian Corporation

Los Altos, California

July 1999–February 2000

Webmaster. Administered two external websites and the company intranet and knowledge base. Managed major upgrades of corporate website, including producing, auditing, and documenting website applications. Upgraded CGI based Remedy/ARweb applications for technical support. Designed, prototyped, and assisted in final implementation of web browser user interface for Talarian message-queueing software. Administered Apache/mod_perl on Solaris and Microsoft IIS on Windows NT.

Cantrix Software Group, Inc.

Chicago, Illinois

August 1998–June 1999

Software Development Consultant. Supported, upgraded, and developed new functionality for an existing Unix and Oracle based intranet application. Assisted in the transitioning of a legacy database application from Oracle to MS-SQL Server, including data manipulation and conversion tasks. Rewrote and documented existing database driven web applications.

Motorola Network Solutions Sector

Arlington Heights, Illinois

June 1997–August 1998

Software Developer. Upgraded a legacy web application serving 20,000+ users, including database and interface redesign, project management, and implementation of a web-based frontend to an Oracle database. Automated previously manual internal software distribution processes, including analysis of old process architecture and integration of existing datastores. Administered departmental intranet publishing process. Provided technical support for Windows NT based systems.

National Center for Supercomputing Applications

Urbana, Illinois

August 1997–June 1998

Software Developer. Designed and implemented an interactive web database cataloging community oriented networks in Illinois. Tasks included CGI programming, HTML design, coordination of goals with a 30-member advisory board, and administration of Apache running on HP/UX.

Education

University of Illinois at Urbana-Champaign (Urbana, Illinois)

Graduated with a B.S. in Computer Engineering in May 1999. James Scholar, Dean's List Scholar, and member of the Campus Honors Program and Phi Eta Sigma Honor Society.