

Eric D. Berg

UNIX and Web Systems Architect
<http://www.linkedin.com/in/bergbrains>

646-418-3608
bergbrains@gmail.com

Profile

Veteran information technology professional with 20+ years of experience in software development, system administration, operations support, and infrastructure design and management. Specializing in leveraging existing assets and optimizing existing processes to help technology organizations better deliver products and services. 15+ years of OSS, Linux, and web development and support. Expert Perl coder. Excellent communicator.

Experience

Barclays Capital/Lehman Brothers, Vice President POINT Infrastructure Mar 2007 to Present

- Lead Perl developer, providing guidance for both strategic and tactical codebase issues, and mentoring for junior developers;
- Built numerous tools for both business and tech, which provide access via command line, API and web.
- Responsible for development and definition of best practices, and responsible for moving organization in the direction of web 2.0-based approach to tool development, frameworks, CSS, AJAX, jQuery, standard data formats, ORM, and logging libraries;
- Wrote a web-based regression testing application used extensively by QA to verify builds for release;
- Responsible for Apache web servers and associated infrastructure;

NYSE Group, Sr. Application Integrator Sep 2004 to Mar 2007

Lead System Administrator for the National Market System, which comprises 100 HP-UX & Linux hosts in 24x7 operation, supporting daily load of > 1 billion transactions at >100K MPS, maintaining 5x9's of up-time, in a distributed, high-capacity multicast network environment.

- Manage day-to-day administration of all UNIX and Linux-based NMS systems;
- TPM for project to build out new system infrastructure for 2 new data centers, including remote data site;
- Oversaw migration of NMS applications, including new hardware architecture and OS migration projects;
- Worked with HP OpenView team to decrease message volume and suppress message storms, among other optimizations; and
- Developed and supported enterprise host information tracking system with web interface and Perl-based API.

BergBrains Incorporated Nov 2003 to Dec 2005

Providing technical consulting services to the financial industry. Consulting engagement descriptions follow.

Rubenstein Technology Group May 2004 to Aug 2004

I worked with RTG for several months, initially in a coding role, but evolving into a longer engagement during which I worked with the team to design and implement some changes to the way they worked to bring them up to a higher standard and to give them some Best Practices to go by. We retooled the team for multi-user version control and worked with the client to develop a test environment and associated procedures. I also helped them to introduce tools and procedures that would provide for more effective coding, better documentation, and better source code navigation. Much of this was geared toward helping them to better use the tools that they already had.

SECTOR Inc. (Subsidiary of NYSE) Nov 2003 to Apr 2004

This was a 6-month contract working with a former vendor (NYSE) to build an automated test facility for NYSE Member Firms FIX and FCS connectivity. Working with stakeholders and vendors, designed, documented, and implemented this project in NYSE's Shared Data Center.

Rosenblatt Securities Inc., Director of Technology Dec 2001 to Oct 2003

- Worked closely with management team in the client acquisition and on-boarding process;
- Technical liaison with clients, exchanges, and clearing houses;
- Responsible for all infrastructure, including internal trading production and company-wide network infrastructure, security, and working with connectivity vendors and clients to maintain an extensive network of client and vendor connectivity;

- Very hands-on manager of small team of administrators and developers;
- Designed, oversaw 3rd party development, and managed day-to-day production of RSI's order routing system;
- Implemented monitoring and alert system, fail over, backup and recovery;
- Performed extensive capacity & regression tests, including development of Perl-based testing and analysis tools, test scripts and documentation;
- Worked closely with the executive management team to develop and implement technology-related business initiatives and partnerships; and
- Conducted extensive vendor and product evaluations.

Tribal DDB, Director of Technology

Jan 2001 to Jul 2001

- Managed technology group of 6 developers building web applications on Linux/UNIX and Windows platforms using Perl, PHP, HTML, CSS, and MySQL;
- Scoped, scheduled, and budgeted projects, working closely with Dir. Production;
- Managed day-to-day production and resource issues;
- Mentored staff on technology issues, including best practices (Perl, HTML, Site Design, version control);
- Implemented proactive site monitoring for client sites; and
- Implemented a trouble ticket application for internal use.

Razorfish, Principal Technologist

Jul 2000 to Dec 2000

- Managed the web-based, mission-critical intranet application, which provided calendaring, time sheets, customer billing, employee directory, news, and bulletin board to global internal customers;
- Responsible for development and day-to-day operations of M.O.M., as the Intranet was known;
- Managed geographically distributed 6-man development team consisting of interface developers, Java programmers, SA's and DBA's;
- Oversaw migration of systems to 3rd party applications, including data migration and process change management;
- Performed extensive site testing, analyzing performance and capacity issues.

Razorfish, Senior Technologist

Aug 1999 to Jul 2000

- Working closely with the design team, we developed and built web sites for A-grade clients;
- Clients included Guardian Life Insurance Company, Giorgio Armani, & Ford;
- Technical Team Lead for various projects, managing teams of 2-5 developers;
- Prepared design, functional, and tech specs and Run Books for client web sites and attended many meetings;
- Introduced bug tracking and version control tools to the Razorfish development process.

iParty Corp., Chief Technical Officer

Nov 1998 to May 1999

iParty.com is an e-commerce web site start-up, focusing on the party goods market. Member of initial management team.

Sybase, Inc., Web Master/Web Developer

Feb 1996 to Aug 1998

- Webmaster and developer for Sybase's world-wide tech support web team; and
- Worked with infrastructure teams around the organization to enhance the quality of the information available to clients, by integrating newsgroups, tech support case databases, product documentation, and others by building bridges and searchable interfaces.

Education

Boston University, English Major, Computer Science Minor

September 1982 to June 1986