

Christopher J. Niemira

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SYSTEMS ADMINISTRATOR

Systems Administrator (SA) and application engineer with extensive experience supporting massive scale Internet applications and maintaining customer-facing technologies which demand the highest possible uptime. Proficient in a range of technologies, including Linux, Apache, Tomcat, WebLogic, Hadoop, Sendmail, Postfix, networking, DNS, firewalls, Perl, PHP, Tcl/TK, Javascript, HTML5, SQL, and more (complete list on request).

EXPERIENCE

AOL, Dulles, VA 7/2006 – Present

Systems Administrator, Mail Operations

Manage critical services for the AOL member Email system. Develop tools, procedures, and documentation to enhance system availability, streamline event resolution, and diagnose edge-case problems. Benchmark and implement new technologies by designing and building new application complexes. Maintain and update existing systems by installing code, configuring applications, and performance tuning the operating system. Part of an on-call rotation charged with quickly reacting to issues and minimizing member impact.

- Migrated a multi-million user IMAP implementation from Solaris to Linux, effecting zero downtime.
- Modernized an MTA implementation which processes more than 1 billion Email messages per day by replacing proprietary legacy software with a custom-designed Open Source solution.
- Contributed to the architecture of one of the largest Email systems on the Internet by predicting and identifying bottle necks and coordinating with software developers to identify solutions.

NOVARTIS PHARMACEUTICALS, East Hanover, NJ 7/2004 – 7/2006

Application Engineer, Intranet Web Services

Converted from a contractor to an FTE, becoming Lead Engineer for the company's Intranet web hosting team. Worked with system administrators and programmers to design robust customer facing solutions, while remaining accountable for high uptime and the availability of business-critical applications.

- Architected a three-tier J2EE web hosting platform, including an automated process designed to minimize the time-to-completion for customer projects, while maintaining a fully monitored and developer accessible environment.
- Trained an off-shore team of application engineers.

CREDIT SUISSE FIRST BOSTON, New York, NY 5/2001 – 6/2004

Systems Administrator, Internet Application Services

Installed, updated, and maintained a collection of over 2,000 web application servers for business-critical banking applications with near-zero downtime as part of a global organization. Responsible for low-level troubleshooting, fault analysis, re-engineering, policy suggestions and evaluating support procedures.

- Created and maintained a secure, ensured content delivery system, to replace MS CRS firm-wide.
- Maintained solutions for forward and reverse web proxies, single-sign-on, directory services, secure certificate management, content management, inventory control, usage analysis and monitoring.

BREAKAWAY SOLUTIONS, New York, NY 4/1999 – 5/2001

Systems Administrator, Internet Hosting Operations

Employed full time during college at a DNS, Email, and web hosting company, maintaining high-availability services. Acted as the Postmaster for customers and internal users.

EDUCATION

NEW YORK UNIVERSITY, New York, NY 5/2001

Bachelor of Fine Arts, Film and Television Production