

Ryan C. Creasey

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Objective & Summary:

I am seeking a career that challenges my abilities in the Information Technology field, allowing me to focus on enterprise level datacenter design and operations, while emphasizing automation and high availability.

Overview:

Senior Datacenter Engineer and Architect

- Over eight years of experience in the IT support field with specialties ranging from multi-platform environments, automations design, centralized system administration and custom application development.
- Designed an automations framework that was implemented in Enterprise-scale datacenters containing all of Fox Interactive Media's properties, including americanidol.com, ign.com, gamespy.com, fileplanet.com, direct2drive.com, rottentomatoes.com and foxsports.com.
- Adept in managing a scalable and load balanced infrastructure, focusing on high availability.
- Expert administration knowledge in design and implementation of distributed web services, including Apache HTTP, Apache Tomcat, JBoss, Ruby on Rails, PHP, Oracle, MySQL and PostgreSQL.
- Occupied a Lead Engineer position on the Technology Operations Infrastructure Engineering group, providing supervision for the engineering of datacenter and systems architecture.
- Experienced in administration of Network Appliance network attached storage and storage area networks.
- Fluent in many programming languages, including C/C++, Ruby, PHP and Perl.

Professional Experience:

Fox Interactive Media

September 2004 to Present

Senior Systems Engineer, Infrastructure Engineering

As a lead member of the Technology Operations Infrastructure Engineering group, designed and implemented automation applications for nearly 3,000 Linux and Windows servers in 8 datacenters worldwide. This group provided tools for several datacenter operations departments, allowing for an easier way to manage their systems. In addition to engineering custom administration applications, this position was responsible for the design decisions behind many enterprise-wide datacenter deployments, including virtualization, global load balancing, rapid provisioning and monitoring solutions.

- Designed a custom Configuration Item and Management Database for assets in all of the Fox datacenters.
- Made significant contributions to a joint-department team that architected a Disaster Recovery framework for use with Fox Sports, MySpace and IGN Entertainment properties.
- Designed a global "Split Horizon" DNS architecture for internal and external namespace within Fox datacenters.
- Directly interfaced with several datacenter Operations departments, gathering requirements and designing customized solutions for their needs.
- Based on application and infrastructure performance, advised Operations departments on strategic and tactical scalability and optimization.
- Designed a LAMP web services standard that has been deployed in the majority of Fox's Linux based properties.
- Made significant contributions to the systems architecture and service configuration documentation for the Technology Operations department.
- Managed the mitigation of several security intrusions and provided the forensics expertise to recover from vulnerability outages.
- Designed the infrastructure for the shared web hosting division, currently supporting over 1600 customers.
- Provided an escalated level of support and shared in off-hour on-call duties.

p11creative, Inc.

September 2000 to July 2004

Network Engineer, Datacenter Operations

Solely responsible for the administration of a myriad of enterprise class server systems and various web related applications for a successful print and online design studio. In addition to managing the 150 servers in the company datacenter, the position was also responsible for the office network of mixed Macintosh and Windows desktops.

- Oversaw the design, construction and management of the colocation facility for the company and its clients.
- Handled the maintenance and administration of the company's office infrastructure and mail systems.
- Responsible for day-to-day administration of managed and shared web hosting servers and infrastructure.

Roadtrip Productions

January 2001 to December 2006

Technology Consultant, Online Technologies

Designed and implemented the web presence for Roadtrip Nation, an information and community based website geared at providing career choices to undergraduate students. Started as a grassroots movement, roadtripnation.com was eventually picked up as a major series on PBS and was sponsored by Microsoft, Apple, State Farm Insurance and Starbucks.

- Architected from conception to implementation a community-based web application that grew to over 50,000 users.
- Built and deployed the datacenter infrastructure to support the application.

Blizzard Entertainment

August 1999 to September 2000

Hardware Compatibility Quality Assurance Technician, Quality Assurance

Oversaw the testing of hardware configuration compatibility for two software titles, Warcraft II: Battle.net Edition and Diablo II; specializing in graphic and sound card driver compatibility.

- Designed a hardware asset tracking database for the QA department; streamlining hardware tracking.
- Spent three months after the second software title shipped as a Customer Support Representative, providing telephone and online assistance for customers.

Trinet Internet Solutions

September 2000 to August 1999

Web Systems Developer, Online Technologies

Designed and implemented client websites and applications, including streaming media solutions.

- Designed and implemented Internet Live Broadcast System solutions for client events.
- Aided in the engineering of a scalable infrastructure for clientele "web-casts" over media streaming technology, such as QuickTime, Real Media and Microsoft Streaming Media.

Education and Certifications:**University of California, Irvine**

March 2004

Graduated with a Bachelor of Science in Information and Computer Science, with a specialization in Networks and Distributed Systems.

Red Hat Certified Engineer

October 2006

RHCE Certificate #804006346922910

Technical Proficiencies:

All skills listed are of advanced to expert levels of competency/administration.

Operating Systems	Red Hat Enterprise Linux, Fedora, CentOS, FreeBSD, Solaris, Windows NT-2003, MacOS X and Darwin.
Languages	Ruby, Perl, PHP, Python, Java, C/C++, Bash.
Web Services	Apache HTTP, Apache Tomcat, Jboss, Microsoft IIS.
Database Technologies	Oracle, MySQL, PostgreSQL, Microsoft SQL Server.
Storage Experience	Network Appliance (Data OnTap 6/7G) NAS and SAN.
Load Balancing	Citrix Netscaler, Squid, Pound.
Mail Systems	Ironport, Postfix, Sendmail, Qmail, Exim, Exchange.