

# 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, architecture and operations; emphasizing automation and high availability.

## Overview:

### Principal Datacenter Engineer and Architect

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

## Objective & Summary:

- Over nine 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 ign.com, gamespy.com, fileplanet.com, direct2drive.com, rottentomatoes.com and foxsports.com.
- Adept in managing a scalable and load balanced infrastructure, focusing on automations and and high availability.
- Designed a Software as a Service framework for rapid provisioning of system services and cloud architecture.
- Occupied a Lead Engineer position on the Technology Operations Infrastructure Engineering group, providing supervision for the engineering of datacenters and systems architecture.
- Expert administration knowledge in design and implementation of distributed web services including Apache HTTP, Apache Tomcat, JBoss, Ruby on Rails, PHP, Oracle RAC, MySQL HA clusters and PostgreSQL.
- Fluent in many programming languages, including C/C++, Ruby, Perl and PHP.

## Professional Experience:

### Fox Interactive Media, IGN Entertainment

September 2004 to Present

#### *Principal Systems Engineer, Linux and Storage Operations*

As a lead member within the Technology Operations group, occupied a role in overseeing the operations of the Linux and Storage environments for 8 datacenters worldwide. This group was responsible for the day-to-day operations of Linux and Storage Infrastructure, as well as engineering new technology for streamlining Enterprise operations as a whole. Responsible for architecting new infrastructure plans and presenting to Engineering Review Board peers, as well as executing on implementation after ratification. In addition to engineering customized automations, this position was responsible for the design decisions for many Enterprise-wide datacenter deployment, including virtualization, global load balancing, rapid provisioning and monitoring solutions.

- Completely architected a customized Software as a Service and Platforms as a Service framework that immensely streamlined provisioning of assets in the datacenter.
- Designed a custom Configuration Item and Management Database for assets in all of the company's datacenters.
- Re-designed the company's DNS architecture for internal and external namespace within the company's datacenters.
- Directly interfaced with many different company product groups, gathering operational requirements and designing deployment solutions for their needs.
- Based on application and infrastructure performance, advised the Operations departments on strategic and tactical scalability and optimization.
- Made significant contributions to the systems architecture and service configuration documentation for the Technology Operations department.
- Managed the mitigation of all security intrusions and provided the forensics expertise for the Information Security team during vulnerability outages.
- 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 datacenter systems, this position was also responsible for the office network and 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 the day-to-day administration of the 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, a Non-Profit information and community based website geared at providing career choices to undergraduate students. Started as a grassroots movement, roadtriplnation.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 and middleware technologies.

**Blizzard Entertainment**

August 1999 to September 2000

*Hardware Compatibility Quality Assurance Technician, Quality Assurance*

Responsibilities for 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**

June 1998 to August 1999

*Web Systems Developer, Online Technologies*

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

- Aided in the engineering of a scalable infrastructure for clientele "webcasts" over media streaming technology.

**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:**

Operating Systems	Red Hat Enterprise Linux, Fedora, CentOS, FreeBSD, Solaris, Windows, MacOS X.
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, SAN. and iSCSI.
Load Balancing	Citrix Netscaler, Squid, Pound.
Mail Systems	Citrix Xen Server

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