Julian C. Dunn

Systems Engineer and Project Leader

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Summary

I'm an experienced systems engineer and project leader looking for a challenging role in product or project management, systems engineering or other opportunities in a fast-paced, rapidly growing company.

Qualifications

Technical:

- 12+ years enterprise system administration experience with UNIX, Linux, and Windows Server. Red Hat Certified Engineer (RHCE) and Sun Certified Solaris administrator.
- Solid knowledge of customer-facing Internet services on any UNIX system e.g. Apache HTTPD, Tomcat, Sendmail, Postfix, MySQL, PostgreSQL, and many others.
- Working knowledge of TCP/IP fundamentals, and experience with standard networking equipment used at Internet companies: switches, routers, load balancers, caches/accelerators, etc.
- Proficient in Perl, shell scripting, SQL. Previous experience with Java, PHP, C, HTML, CSS.
- Understanding of software engineering workflow and tools including Maven, Hudson, Atlassian tool suite, Agile methodologies, etc.

Project Leadership:

- Experience managing multi-million-dollar projects across geographically dispersed teams.
- Strong ability to connect with technical and non-technical stakeholders using presentations and written communications.
- Proven track record of being able to develop and maintain trusted relationships with senior management.

Career History

Team Leader, Media Production Support, CBC Digital Media
Canadian Broadcasting Corporation
September 2006 – September 2011

Responsibilities:
- Supervised team of eight senior system administrators providing 24x7 management of most popular news website in Canada (6M+ unique visitors/month)
- Managed all aspects of CBC.ca's infrastructure: webservers, application servers, database servers, audio/video streaming systems, content management systems, Akamai content delivery network.
- Developed, proposed and project-managed multi-million-dollar broadcast and IT infrastructure projects.
- Provided system design and architecture leadership on all infrastructure projects.
- Major projects: Live and on-demand streaming infrastructure for Apple iOS devices, conversion of CBC Radio to MP3 streaming, live video encoding and streaming systems, Telestream FlipFactory transcoding farm implementation, Interwoven TeamSite enterprise content management system implementation.

Senior Systems Administrator
Devlin eBusiness Architects Inc.
December 2005 – September 2006

Responsibilities:
- Managed all IT and telephony infrastructure for an advertising agency based in Toronto and Vancouver.
- Major projects: Creation of private WAN for IP voice and data to new Vancouver office, virtualization of legacy infrastructure using VMWare ESX and Solaris 10 Zones technologies.

System Administrator and Project Leader
Canadian Broadcasting Corporation
December 2004 – December 2005

Responsibilities:
- Provided 24x7 management of all CBC Digital Media systems and applications.
- Acted as operations-to-developer liaison, managing and improving software development processes by implementing Apache Maven and CruiseControl continuous integration.
- Major projects: Migration of entire production environment from legacy Red Hat Enterprise Linux 2.1 systems to SuSE Linux Enterprise Server (SLES), upgrade of Digital Media's helpdesk system, implementation of ITIL standards for incidents and problems.
- Provided system design and software architecture leadership for Torino Olympics 2006 website, which delivered unprecedented traffic volumes to CBC.ca, reinforcing corporate position as premier Olympics destination for Canadians.

Software Architect/Developer
Canadian Broadcasting Corporation
September 2003 – December 2004

Responsibilities:
- Successfully lead CBC.ca's largest-ever Olympics website project (Athens 2004); site generated the most traffic to CBC.ca in 2004 and CBC.ca was independently voted "Canada's most trusted online Olympics destination." (Decima Research)
- Lead and developed an online and telephone voting system for CBC's "The Greatest Canadian" reality TV series in under six months. Site delivered over 2 million unique voters and captivated Canadian audiences on a weekly basis for 2 months.
- Rebuilt backend software for CBC.ca's weather portal (cbc.ca/weather), the third most popular destination on the site; reduced audience complaints by over 75%.

Software Developer/UNIX Systems Administrator
VerticalScope Inc., Toronto, ON
July 2001 – May 2003

Responsibilities and Achievements:
- Developed software in PHP and Perl for boutique online media company.
- Provided 24x7 management of in-house and co-located FreeBSD and Linux servers.
- Led development of Google AdWords-like advertising system, generating thousands of dollars in revenue per month.
- Established systematic software development methodologies and "best practices", e.g. object-oriented design, entity-relationship diagrams, and regular code inspections.

Education

Honors B.A.Sc. in Computer Engineering - University of Toronto, June 2001.

M.A. in Journalism (unfinished, completed 1 semester) – CUNY Graduate School of Journalism, Class of 2012.

Professional Affiliations

Professional Engineers Ontario – Licensed professional engineer. October 2004–Present

USENIX Association and **SAGE** (System Administrators' Guild). December 2002–Present