

GABRIEL M. O'BRIEN
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Canadian Broadcasting Corporation

Toronto, Ontario

Project Lead & Senior Systems Designer, Engineering Solutions

2013-10 – Present

Responsible for the conception, design, development and management of broadcast systems projects for the Canadian Broadcasting Corporation. This role involves extensive collaboration with corporate and media departments as well as budgetary and schedule oversight for projects. Additional responsibilities include writing requests for proposal (RFP) and vendor evaluation for technology implementations.

- Engineering technical lead for English Services consolidated storage platform project.
- Engineering design lead and project manager for the virtualization and consolidation of CBC.ca services.
- Engineering lead for several RFP creation and evaluation exercises including Libraries and Archives digitization.
- Project management team member and storage designer for the CBC/SRC Media Asset Management system.

Senior Systems Architect, Digital Operations

2011-05 – 2013-09

Provided technical leadership for the overall integration of systems supporting and delivering the CBC.ca website. Worked in close collaboration with solution architects and other technical leads to design solutions from the ground up and to integrate third party applications. Routinely acted as delegate for departmental manager when required (vacation, training, schedule).

- Evaluated, designed and implemented new Atlassian software development lifecycle toolset.
- English Services technical lead for corporate wide web API management project.

Senior Systems Administrator, Information Technology & Media Production Support

2006-08 – 2011-04

Technical lead responsible for data centre infrastructure foundational to the CBC.ca website and Digital Programming and Business Development. Primary contact for CBC.ca infrastructure support, responsible for day-to-day work assignments, support, and maintenance.

- Primary technical contributor for National Data Centre Linux strategy and processes.
- Initiated and implemented rewrite of all log management and processing tools.
- Proposed, designed, and implemented standardized CBC.ca Red Hat Enterprise Linux environment.
- Designed and deployed Xen virtualization platform; upgraded to RHEV KVM environment.

Tecsys, Inc.

Toronto, Ontario

Project Leader, Research & Development

2005-11 – 2006-07

Research & development special projects leader for a logistics technology business. Accountable for all stages of development and infrastructure projects. Provided front line support for clients of our Transportation Management System product.

- Developed, documented and published divisional project management process.
- Implemented new product build and installation scripts to ensure reproducible installations.

Nortel Networks

Ottawa, Ontario

Systems Engineer

1998-04 – 2005-01

Performed series of roles in line departments and IT with increasing responsibility over a 7 year period. Worked in matrix managed environment and under waterfall and iterative project management methodologies. ISO 9001/TL 9000 certified environment. Member of both the on-call Nortel Carling site Emergency Response and Medical Incident Response Teams.

BCM 50 Open Source Software Prime / Operations Analyst

- Designed training materials and trained team in open source software best practices with guidance from Legal.
- Commended for developing model process for open source software usage and auditing.
- Delivered emergency on-site support for high profile customers and internal clients.

ClearCase Administrator / Unified Manager Support

- Development tools support; primary liaison between product development team and IT.
- Three performance awards for delivering projects ahead of schedule and under budget.
- Contributed to departmental interview and hiring process; trained new employees.

Computer Systems Administrator (Intern/Contractor)

- Responsible for routine systems administration under supervision of senior staff.
- Norstar IT helpdesk supporting product engineering team (Windows NT/HP-UX/Solaris/Linux).

EDUCATION & TRAINING:

2013-06	VMware Install, Manage, Configure
2013-04	Hitachi Data Systems Enterprise Storage Bootcamp
2013-03	Making Meetings Work & Managing Projects
2012-09	Kanban for Agile Teams
2011-04	Autonomy IDOL Developer Training
2010-06	Red Hat Certified Engineer (Certificate number: 805010942050244)
2009-11	Red Hat Certified Technician (Certificate number: 605009645127950)
2007-05	Conversational French Training (Basic-Intermediate)
2007-03	Project Management "Skills for Success" Training
2007-02	Information Technology Infrastructure Library (ITIL) Practitioner Certification
2004-03	Crisis Management & Behavioral Emergencies Certification
2003-01	Nortel Networks Business Communications Manager PBX Certification
2000-03	Sun Solaris Administration Certification
2000-01	Rational Software ClearCase Administration (UNIX and MetaData) Certifications
1999-05	Mount Allison University (Sociology-Anthropology/History)

TECHNICAL SKILLS:

- Amazon Web Services: EC2, Route 53, S3, Glacier (currently used, 6 years, intermediate)
- Google Cloud Platform (currently used, 3 years, basic)
- Unix systems administration (currently used, 20 years, advanced)
- BlueArc/Hitachi storage system administration (not currently used, 9 years, intermediate)
- x86 virtualization technology: VMware, Xen, KVM, RHEV, Parallels, jail (currently used, 13 years, advanced)
- System automation and deployment: Puppet, Chef, Kickstart, Red Hat Satellite (not currently used, 10 years, intermediate)
- Bourne shell (and derivatives) scripting and usage (currently used, 20 years, advanced)
- Regular expressions (currently used, 18 years, advanced)
- Python (currently used, 12 years, intermediate)
- HTML/CSS/PHP (currently used, 16 years, intermediate)
- OpenLDAP (currently used, 10 years, intermediate)
- MariaDB (MySQL) configuration and administration (currently used, 17 years, intermediate)
- IP networking, DNS, routing, wiring (Ethernet), switching (currently used, 18 years, intermediate)
- Network and system security (currently used, 18 years, intermediate)
- Open source software licensing, issues, and integration (currently used, 15 years, advanced)
- GCC toolchain, GNU autotools, make variants (not currently used, 8 years, intermediate)
- Unix software packaging, documentation, and distribution:
 - BSD ports, RPM, yum, troff, man (not currently used, 10 years, intermediate)
- C (not currently used, 8 years, intermediate)

NON-TECHNICAL SKILLS:

- Strong written and spoken English
- Capital planning for technology projects
- Budget management and cost analysis
- Training adults in a wide range of contexts (technology, process, new employee, martial arts)
- Former youth teaching/mentoring (Scouts Canada, Sea Cadets, martial arts, reading)
- Always learning!

ADDITIONAL INFORMATION:

- Member of the Society of Motion Picture & Television Engineers
- Member of the Institute of Electrical and Electronics Engineers (IEEE) and IEEE Computer Society
- Member of USENIX and the Free Software Foundation
- CBC/SRC Association of Professionals and Supervisors (Past Ontario Director and Toronto Branch Secretary)
- Former Secretary of the Ottawa Valley Systems Administrators Guild (USENIX/SAGE)

This electronic copy of my résumé was last updated on December 8, 2018.

Online at: <https://gabriel.to>

LinkedIn profile: <https://www.linkedin.com/in/gmobrien>