Ean Briere

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EXPERIENCE

UNIVERSITY OF VERMONT – Enterprise Application Services – Enterprise Technology Services   **Burlington, VT**

Senior Information Technology Professional   *August 2012 – Present*

- Expert in enterprise architecture and information system design processes and constraints, including the management of physical and virtual platforms, application dependencies, system performance, failover, disaster recovery, high availability mechanisms, capacity planning, network topology, n-tier/J2EE application interoperability, service orientation frameworks, enterprise services bus models and security compliance standards such as NIST, IRS 1075 and HIPAA.
- Oversee and provide leadership in facilitating development, implementation and advanced technical support services related to networks, servers, personal computing devices and software systems to influence, define and support University information technology goals; use judgment in determining work priorities, solving problems, and in administration of operational and technical processes and procedures; develop information technology systems; perform requirements analysis and process redesign; provide solutions and project leadership to enhance functionality and ensure administrative/operational integration; develop and maintain complex applications, hardware and software, network interfaces, and storage and backup facilities; oversee and monitor operation and performance of large-scale or University-wide information technology systems to ensure system integrity.
- Respond to and resolve computer-related inquiries; serve as a resource to internal and external constituents; provide guidance, investigate and resolve malfunctions and problems, and perform highly skilled assessment; provide complex hardware, software, network, system, and web design support and advanced programming for a broad range of hardware/software environments; advise users in implementation and use of new or shared technologies; conceptualize, develop, and implement complex solutions or project specifications, that may have University-wide or external impact, within industry standards and based on a thorough knowledge and understanding of University policies, procedures, and guidelines.
- Provide advanced technical support services; install and maintain server and host operating systems, coordinate training and administer system security; coordinate vendor relations, negotiations, and contracts.
- Coordinate and/or oversee support activities for implementation of complex procedural and/or system enhancements, solutions, or modifications; oversee budgetary or acquisition processes; prepare documentation and provide administrative reports related to protocols and procedures.

STATE OF VERMONT – Agency Of Administration – Department of Information and Innovation   **Montpelier, VT**

Senior ERP Developer – Enterprise Resource Planning Office   *April 2010 – August 2012*

- Established Vermont's Virtual Center of Excellence (VCOE), a cloud-based solution extending IaaS, PaaS and SaaS models.
- Coordinated with Vermont's CIO, CTO, Agency IT Managers, Enterprise Project Office, system users and vendors to ensure that IT project portfolios were aligned with business requirements and that projects were leveraged to maximize value for future scalability, interoperability and agility with emphasis on service oriented enterprise application integration.
- Responsible for Vermont's primary line of business systems with regard to processing, storage, virtualization, operating platforms, operations, networking, application development, maintenance, monitoring, back up/recovery and security.
- Performed analysis, evaluation, planning, design and implementation of requirement driven IT solutions in order to optimize the capacity, stability and sustainability of VT's physical and virtual data center infrastructure resources.
- Authored and synthesized SDLC project deliverables including 5 year cost models, architecture assessments, detailed system designs, resource allocation/communication plans, project schedules, budgets, work breakdown structures, co-development models, digital asset audits, knowledge transfer agreements, continuity of operations manuals, test scripts, version control strategies and service level agreements (SLA) for both in-house and vendor-contracted projects.

BOLTON VALLEY RESORT   **Bolton, VT**

Director of Information Technology   *November 2007 – June 2008*

- Directed the budgeting, purchasing, installation and maintenance of all resort technology, which included configuring, monitoring and troubleshooting all telephone exchanges, computer system software and technical network infrastructure.
- Managed vendors, software, network access and user security for critical Point-Of-Sale (POS) systems and PCI compliance.
- Shaped Search Engine Optimization (SEO) campaigns and product promotions for seasonal resort services and products.
- Extended the corporate intranet over 1.5 miles to remote facilities and lodges using SDSL modems.

STATE OF VERMONT – Agency of Human Services – Child Development Division Waterbury, VT
System Developer III – Information Services Department *April 2006 – April 2010*

- Tuned database, application, web and integration servers for low latency and high performance, while supporting new software solutions, hardware recovery, data backup, change management and legacy system interfaces in order to extend the capabilities of Vermont's enterprise childcare information system known as the Bright Futures Information System (BFIS).
- Designed and implemented a Management Dashboard utilizing key process indicators and web service technologies.
- Supported the Child Development Division's emerging IT needs by creating reports, running ad-hoc queries and adding custom Business Intelligence (BI) functionality to the BFIS J2EE/EJB application.

FAIRBANKS SCALES INC. St. Johnsbury, VT
Senior Software Developer *February 2005 – April 2006*

- Re-contextualized industry-standard, C-based software into a modular, object oriented, C++ Windows-based PC platform for distributed networked appliances while working under the ISO-9000 Quality Management Standard.
- Programmed custom utilities used for RS-232 serial port communications, hardware detection and specific system health diagnostics such as baud rate and memory usage.

KNOWLEDGEXTENSIONS INC. Albany, NY
Information Systems Engineer *August 2000 – February 2005*

- Worked with content specialists and subject matter experts in gathering requirements, creating project plans and implementing custom software applications used to create Learning Management Systems (LMS) for clients such as IBM, Prentice Hall, KPMG, Thomson Learning, Performance Solutions International, The State of New York and Sangikyo.
- Developed an off-the-shelf software product used to construct e-Learning portals and web-based training environments consisting of web services, a J2EE/XML-based translation engine and relational databases that were used to author, deliver and track online training courses.

GROOVE2.COM LLC Troy, NY
System Developer/Web Programmer *November 1997 – August 2000*

- Engineered the design and implementation of a web-based front-end portal in conjunction with an automated backend system used to batch process multiple, unformatted audio/video sources and host the transcoded media in several popular web-based streaming file delivery formats such as mp3, Windows Media, RealPlayer, Apple QuickTime and Ogg Vorbis.

EDUCATION

Rensselaer Polytechnic Institute Troy, NY
Bachelor of Science in Information Technology *2001*
Minor in Electronic Media Arts and Performance

SKILLS

- **Operating Systems** - Linux, Unix, Mac OSX/iOS, Win'93-Win8
- **Languages** - .NET, C++, J2EE, EJB 3.1, Obj. C (Cocoa), VBA, SQL, PL/SQL, XML, XSLT, HTML,WSDL, SOAP, UML
- **Scripting** - VBScript, JavaScript, JSON, AJAX, Perl, Flash Action Script, PHP, ASP, JSP
- **Networking** - Cisco ASA Firewall/ASDM, Splunk, Nagios, HP Flex-10, F5 LTM/ASM, LDAP, Active Directory
- **Databases** - Oracle 9i/10g/11gR2, MSSQL Server 2003/2005/2008R2/2013, MySQL/ SQLite, ETL, OLAP
- **ERP Applications** - PeopleTools 8.51 – 8.54, PeopleSoft HCM, EPM & FSCM 8.9/9.1/9.2, Integration Broker, SharePoint
- **Middleware** - Velocity, Castor, Hibernate, Apache, Tomcat, Maven, Spring, JBoss, WebLogic, Oracle BI Publisher
- **Storage** - EMC VNX/VNXe/Unisphere SAN Mesh/ DataDomain, QLogic, iSCSI
- **Development Platforms** – x86/x86-64, RISC, Borland, Eclipse, Visual Studio, Xcode, GWT, SVN, CVS (Tortoise)
- **Virtualization** – Oracle Virtual Box, VMware ESX/ESXi/vSphere/vCloud/Workstation
- **Continuous Integration** – GIT, Grails, Gradle, Jenkins, SOAP UI
- **Tools/Utilities** - SQL Developer, TOAD, Foglight, Bugzilla, Microsoft Office/Project/Visio, McAfee, Symantec, JUnit
- **Other** - EMT-B/CPR/AED/National Ski Patrol certified. Fluent in Spanish. Software Development Lifecycle (SDLC)
- **Teaching** – Champlain College CIT-365-51: MIS: IT Enterprise Architecture – Spring 2015