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EXPERIENCE

27 years in application and system software design, development, testing, installation, support, and documentation. Duties have included: system and database management and administration; training users on new packages and developers on new tools; interfacing with user communities to determine system requirements; translating requirements into program specifications; converting software between computer systems and programming languages; developing, documenting, and testing programs from specifications. This covers a wide range of applications, programming languages, development tools, databases, computer environments, and company cultures.

Career History

The Lambda Geek, Calgary Alberta: 2009/06-2009/12

Positions: Owner, Proprietor

Work History Details:

Desktop support, computer and accessories sales, computer hardware upgrades and repairs, malware removal, needs analysis, network access setup
   Environment Summary: Windows XP, Vista, Open Office, Microsoft Office, various web browsers, other desktop applications
- Desktop support
- Computer and accessory sales
- Computer hardware upgrade and repairs
- Malware removal
- Needs analysis
- Network access setup
- Data backup and recovery
- Stock inventory management
- O/S and application installations

Shaw Cablesystems G.P., Calgary Alberta: 2002-2008

Positions: Intermediate Software Developer/Senior Software Developer

Work History Details:

Maintenance, enhancements, ongoing support for intra and extra net websites and applications
   Environment Summary: Visual Studio 2003, .NET 1.1, C#, VB.NET, ASP, XML, XSLT, Microsoft SQL Server 2000, Internet Explorer 5, 5.5, 6, 7, 8, Firefox 1.5, 2.0, 3.0, Microsoft Office 2003 (Word, Excel), VSS, GIMP, MS SQL, Google Maps, vmware server
- LEADS application
- Online Ordering (not shopping cart or payment transactions)
- Database (data updates) for web contact information
- Promotion (within team) of development best practices
- Google local search with Google maps

Maintenance, enhancements, ongoing support for CBS (cable billing system)
   Environment Summary: VAX/VMS, Vax BASIC, Datatrieve, Microsoft Office 2003 (Word, Excel), VISIO, ISAM
- LPC (internal account data conversion from legacy to packaging model)
- Journal Entries
- Automated billing / account data conversions for acquisitions

Donortrust, Calgary Alberta: 2006-2007
Position: Volunteer Programmer
Work with group doing design and development of the Donortrust application to support the Christmas Future web site.
    Environment Summary: RoR (Ruby on Rails), MySQL, Eclipse, Windows XP, Ubuntu, Ruby Forge. svn

PHrienDly Computer Consulting, Ltd., Calgary Alberta: 1992 - On Going
Position: Owner/Director, Analyst, Programmer

Work History Details:

Help desk support for multiple Home, **SOHO, Small Business**, Calgary, Alberta: 1994 -On Going
    System inspection, needs analysis, upgrade recommendations, system cleanup, hardware and software purchase
    recommendations, installation, configuration, training, desktop / helpdesk support, skills improvement (Visual Basic, Visual
    C++, Java (JDK1.0,1.1.2), Access 7, Intergraph MDL)
    Environment Summary: DOS 3/5/6/7, Windows 3.1/95/98/XP, BASIC, Visual Basic, Java (1.0, 1.1, 1.2), PKzip, WinZip,
    Netscape Navigator 2.01, 3.01, Netscape Communicator 4.01, 4.5x, 4.6x, 4.7x, Internet Explorer 3, 4, 5, 5.5, 6, 7, Eudora,
    DOS batch files, Regedit, Microsoft Office, Microsoft Frontpage 98, 2000, M.Y.O.B Accounting with Payroll 7, Corel
    WordPerfect Suite 7, Microsoft Works 3 and 4, scanning, Corel Draw 3 package (trace, photopaint, draw), Microsoft Image
    Composer, Hijaak Pro, Corel Printhouse, Micro Cookbook, Master Cook, Partition Magic 3/6; System Commander, Boot
    Commander, Install Control 2/3/4, FirstAid 95, Cleansweep, Oil Change, ADSL, Cable Modem, Adobe Acrobat Reader, Zone
    Alarm, Norton Internet Security, VNC, VMWare, more

CONTRACT Programmer Analyst, **Shaw Cablesystems G.P.**, Calgary, Alberta: 2001-2002
    Environment Summary: VAX/VMS, Vax Basic, Datatrieve, SQL, Windows XP, Microsoft Office 2003 (Word, Excel), Nortel
    VPN, Microsoft Outlook, FTP, Microsoft Internet Explorer, Kermit, VNC
        • Customer account (services) data conversion: StarChoice 'Wizard' to Shaw 'CBS'

CONTRACT Programmer Analyst, **Nortel Networks**, Calgary, Alberta: 1997 - 2000
contract moved to **Computer Sciences Corporation** with Nortel Networks IS outsourcing 2000 - 2001
    (2 separate contract intervals)
    Environment Summary: HP3000, MPE, MPEX, Unix, Powerhouse (QUIZ, QTP), SQL, Macintosh System 7, Windows 95,
    Windows 2000 Microsoft Office 95/97/2000, Scheduler Plus, Microsoft Outlook, Reflection for HP, QEDIT, FTP, Netscape
    Navigator, Netscape Communicator, Netscape Composer, Microsoft Internet Explorer, Lotus Notes, WS FTP Pro, Timbuktu
    Pro, Remedium, Extranet Access Client
        • Purchase Price Variance Forecasting and Gross Manufacturing Inventory Forecasting: QTP, MPE JCL, Excel
          95/97 plus templates, HTML process documentation, user training.
        • Logistic Software (GPSM): QUIZ, QTP, MPE JCL, FTP
        • BaaN
            • Overview training
            • Interface (import) training
            • Reconcile multiple data sources for BaaN data (supplier information): QUIZ, QTP
            • Extract legacy data to be loaded to BaaN: QUIZ, QTP, SQL
            • Create BaaN import procedures for legacy data: BaaN
            • Test BaaN import procedures and legacy data extracts
        • Search source code across 3 applications for potential date related impacts at 1998 year end: COBOL, QUIZ, MPE JCL
        • Update Powerhouse code for Y2K: QUIZ
        • Assist with detailed technical implementation plan for moving 18 Y2K compliant applications to production: Excel 97,
          Word 97, Netscape Composer 4.5
        • Prepared process, templates, and documentation for application decommissioning: Word 97, Excel 97
        • Y2K application installation / implementation
        • Y2K clock test project
        • Y2K rollover planning
        • Wireless system Annual Physical Inventory
        • Legacy Support with off hours on call (pager)

CONTRACT Programmer Analyst, **TransAlta Utilities**, Calgary, Alberta: 1994 - 1997
    Started with support of in-house (TAU) built Human Resources Information System, built with/on Corvision (4GL) version
    4.50. Started contract with no Corvison experience when TAU could not find anyone with experience. As Corvision and
    other HRIS work reduced with TAU transition to SAP, supported several other legacy VMS systems (many of which were
    being fazed out, or replaced by SAP or Lotus Notes)

Environment Summary: VAX/VMS, MS DOS 5, Windows 3.1, Macintosh System 7, Windows 95, NT Server, Corvision version 4.50, Powerhouse, SmartStar, Datatrieve, RDB, SQL, COBOL (with embedded SQL), C, BASIC, VMS DCL, FileMaker (Mac and Win95), Unix, Oracle, IGDS EDG, tar, Microsoft Word, Excel, All-In-One, Lotus Notes, Corel Draw, VISIO, Meeting Maker, SmarTerm 420 and 340, LSE, VMS Debug

- Support HRIS: Corvision, Dos 5, Rdb, SQL, COBOL, VMS DCL, Powerhouse
- ESSO employee debit card Interface (new development to interface monthly Imperial Oil transaction file to accounting and payroll): COBOL, SQL, VMS DCL, Microsoft WORD
- Records Center System: Powerhouse, SQL, VMS DCL
- Telephone Database Management and billing system; Dial; NotesPhone: SmartStar, Datatrieve, VMS DCL, C, Powerhouse. Lotus Notes, Excel, VISIO
- DECCHG: Powerhouse, VMS DCL, COBOL
- Print Shop: Powerhouse, COBOL, VMS DCL
- IBEW Transfer List: All-In-One, Lotus Notes, VMS DCL, Microsoft Word, FTP
- Brilliant Employee Suggestions: VMS DCL, All-In-One, Lotus Notes, Powerhouse
- Bids and Posting: VMS DCL, All-In-One, Microsoft Word, Lotus Notes, FTP
- Incentive Pay Plan: Excel
- Promotions and Transfers: VMS DCL, All-In-One, Lotus Notes, Microsoft Word
- Plot Invoicing: VMS DCL, Excel, FTP, Pathworks
- Applicant Tracking: FileMaker
- Chuckwagon shares: Excel
- Annual Tower Payments
- Built SmarTerm scripts for communications with Bank by Payroll and Accounting.
- During infrastructure project rollout, install and configure DOS and Windows 3.x programs (in-house and commercial engineering applications) under Windows 95. Convert data from Macintosh to Windows 95 format. Researched and defined standard configuration for the standard terminal emulation packages used in the new TAU infrastructure environment (SmarTerm 420 and SmarTerm 340): DOS 5, DOS 7, Windows 3.1, Windows 95, VMS DCL, VMS Basic, SmarTerm, Corel Draw 4, VISIO, Microsoft Word, FileMaker

MONENCO Information Systems Inc., Calgary Alberta: 1983 - 1992

Positions:　　　　Programmer, Programmer/Analyst, Analyst/Programmer, System Analyst
Work History Details:

Seconded to **TransAlta Utilities**, Calgary, Alberta　　　　1988 - 1992
Part of AM/FM (Automated Mapping and Facilities Management) project team doing the design, development, implementation, documentation, and maintenance of the electrical facilities model using Intergraph FRAMME
Environment Summary: VAX/VMS, PC, MAC, UNIX, FRAMME (FDL, RBC, ODL, MDL, FKBT, PCR, FMPG, UDP, SDU), C, DCL, DMRS, IGDS (EDG, IPS, FLIB, UCM), CMS, MMS, DECNET, TCP/IP, FMU, EXCELERATOR, PATHWORKS), EDT, LSE, TPU, EMACS, DMR Productivity Plus

- Designed, developed, and implemented the Highway Lighting sub-system, including: importing base map data, using detail files, feature placement, and plotting. This was the first module to be put into production.
- Developed code to produce standard corporate map products, with merged mailing list, and other title block information
- Added ODL (from FRAMME) language and function library to LSE (VMS Language Sensitive Editor)
- Designed and implemented applications and model data security with VMS ACL
- Setup and maintained CMS library structure and security
- Developed MMS make files and supporting DCL procedures to build and update the model and application for requested releases
- Assisted in the design for on screen scaling and model partitioning

In-House at **MONENCO**, Calgary, Alberta　　　　1988 - 1988 and 1983 - 1986
All in-house CAD system development and support.
Environment Summary: VAX/VMS, DEC 10, TOPS 20, PDP 11/xx, RSX11M+, PC, MS-DOS, Fortran, C, DMRS, IGDS (UCM, ANL, IPS), TYDAC, DBASE, FOXBASE, MCR, DCL, EDT, EMACS, TECO, TEXTGRA, MicroStation, ISIF

- Software development, support, and management for a multi-station CAD operation, mostly as the only person in those roles.

Seconded to **TransAlta Utilities**, Calgary, Alberta　　　　1986 - 1988
Part of the MONECO project team developing the Automated Substation Design (ASD) system at client site. Pilot project for AM/FM (Automated Mapping and Facilities Management) using the Intergraph FRAMME package. Support client at their site, as part of the team for the Mine Contract Administration (MCA) system.

Environment Summary: VAX/VMS, COBOL, Powerhouse, Datatrieve, RDB, DCL, EDT, FRAMME(FDL, RBC, ODL, MDL), DMRS, DECNET, IGDS (CSL, UCM, BITS, RFMOD)
- Team leader for the design, coding, and implementation of the graphics sub-system

CONTRACT PROGRAMMER, **Intergraph**, Huntsville, Alabama   1986 - 1986
Assist Intergraph project team to upgrade TFIDS (Telephone Facilities Interactive - Graphics Data Management Systems) for new VMS operating system and Intergraph IGDS versions.
Environment Summary: VAX/VMS, DMRS, IGDS (UCM), DCL, EDT

EDUCATION

.NET (C#). 2005 (1 week class plus CBT in 2006)
.NET (VB), 2005 (1 week)
Java, Fifth Era, 1999 (1 week)
Self study to keep up with, and ahead of, current technology
     JAVA, HTML, VB, JavaScript, Ruby, RAR, CSS, XML, XSLT
Lots of on the job training, reading of manuals, and reading on the Internet
Multiple 1 day to 1 week courses and seminars for various computer languages, and software engineering specialties
Technical Program, Southern Alberta Institute of Technology, 1983
Computer Science, University of Calgary, 1982 (selected courses)
Computer Technology, Southern Alberta Institute of Technology, 1980 (selected courses)
Electronics Technician, Northwest Community College, 1976

Personal Information:

Volunteered for two years teaching junior high students in a computer club. I have a fascination with Nanotechnology and follow it closely. Reading Science Fiction is my way of kicking back and relaxing.

TECHNICAL SKILLS

SOFTWARE ENVIRONMENTS

Languages

- C#
- .NET
- Visual Basic
- ASP
- Java
- Javascript
- PHP
- Ruby
- RoR
- C
- C++
- COBOL
- FORTRAN
- BASIC
- PASCAL
- SQL
- HTML, CSS, XML
- Shells (DCL, MCR, MS DOS, Unix, MPE/X)
- Classic FRAMME (FDL, RBC, ODL, MDL)
- IGDS (UCM, MDL, IPS Pen Tables)
- DMRS (DDL)
- Assembler (6502, 8085, PDP 11/70, VAX)

Data Manipulation

- DECNET
- PATHWORKS
- FMU
- IGDS (ISIF, BITS, RFMOD, IPLOT, IPS)
- EDIT/FDL
- CONVERT/FDL
- ANALYSE/RMS/FDL
- Archivers (COMPRESS, ARC, ZOO, LHARC, ZIP)
- Kermit, Z-Modem, others

Databases / 4GLs

- MySQL
- Powerhouse
- Corvision
- Smartstar
- Oracle
- MS SQL
- Datatrieve
- RDB
- DMRS, IGDS
- Access
- Superbase Professional
- DBASE, Foxbase

Development Tools

- Excelerator (CASE)
- VMS (MMS, CMS, FMS)
- Make
- IGDS (CSL, FLIB, EDG, ANL), Micro Station
- Visual Studio 2003
- EDIT/ACL

Data Modification

- IGDS (EDG, ANL)
- Text (TPU, LSE, EDT, Emacs, TECO, EDLIN, Eclipse, Notepad++, others)
- Document (MS/Mac Word, Word Perfect, Open Office, others)
- Spreadsheets (Excel, Quatro Pro, Open Office, others)

AREAS OF EXPERTISE

- CAD
- AM/FM (GIS)
- Applications development
- Database design and customization
- Data & Process modeling
- Human Resources
- Billing
- Web Development
- Help Desk (end user support)
- Training

JOB FUNCTIONS

- System Administrator
- Programmer/Analyst
- System Analyst
- Database Administrator
- Trainer
- Database/Model Designer
- Help Desk

Packages / Applications

- Payroll
- Sales (accounting)
- Human Resources
- mapping
- PDS (Plant Design System)
- BFM (Building Facilities Management)
- REBAR (Steel Reinforced Concrete)
- ZEH
- Open Office
- Microsoft Office 5/6/7,2003
- WordPerfect Suite 7
- VISIO
- Corel Draw
- GIMP
- Microsoft Outlook
- PGP
- Windows 95/98/XP Networking

Methodologies

- Productivity Plus (DMR)
- JAD
- RAD
- Several top-down variations
- Some Object-Oriented

TECHNICAL SKILLS
HARDWARE ENVIRONMENTS

Computers

- VAX (11/7xx, 86x0, 60x0)
- HP3000
- DEC 10
- PDP 11/xx
- x86
- Intergraph Clipper workstation
- Macintosh
- Amiga (1000, 2000, 1200)

Operating System

- VAX VMS
- MPE / MPEX
- TOPS 20
- RSX11M+ (Intergraph's)
- Windows 3.x, 95, 98, 2000, XP, 2003
- PC/MS DOS
- Ubuntu
- Unix

HARDWARE AND OPERATING SYSTEMS

Manufacturer	Model or Series	Operating System	Years Used	Last Used	Skill Level
DEC	VAX	VMS	19.0	2007	5
HP	HP3000	MPE / MPEX	4.0	2001	4
IBM	PC	MS-DOS x.x	10.0	2001	5
Microsoft	x86	Windows 3.x	3.0	1999	2
Microsoft	x86	Windows 95 / 98 / 2000 / 2003 / XP / Vista	10.0	Current	4
Intergraph	Clipper	Unix	1.0	1994	3
HP		Unix	0.5	2001	2
Commodore	Amiga	Amiga Dos	7.0	1995	5
Apple	Macintosh	System 6.x / 7	2.5	1998	1
DEC	PDP 11/xx	RSX11M+	3.0	1988	4
DEC	10	TOPS 20	3.0	1986	3

PROGRAMMING / DEVELOPMENT LANGUAGES

	Years Used	Last Used	Platform	Skill Level
C#	1.5	2007	PC (Visual Studio 2003)	3
[X]HTML, CSS	2.0	Current	PC / Windows, Ubuntu	4
Javascript	1.5	Current	PC / Windows	3
XML	.5	2007	PC / Windows	1
XSLT	.5	2007	PC / Windows	1
PHP	.5	Current	PC / Windows	2
ASP	1	2007	PC (Visual Studio 2003)	2
C	4.0	2004	VAX, UNIX, PC, Amiga	3
FRAMME (ODL, RBC, FDL, MDL)	6.0	1994	VAX, UNIX	4
DMRS DDL	7.0	1983	VAX, PDP 11	3
SQL	5.0	2007	VAX, UNIX, MS SQL	4
VMS DCL	20.0	2006	VAX	5
IGDS IPS pen tables	8.0	1992	VAX, PDP 11	4
IGDS UCM	7.0	1990	VAX, PDP 11, PC	5
IGDS MDL	course	1996	NT	2
RSX MCR	5.0	1988	PDP 11	4
BASIC	10.0	2006	VAX, DEC 10, PDP 11, PC, Amiga	4
Visual BASIC	1.0	2007	PC	2
FORTRAN	6.0	1988	VAX, DEC 10, PDP 11	5
C++	course	1996	PC	2
COBOL	7.0	1999	VAX, UNIVAC, HP3000	4
VAX Assembler	1.0	1983	VAX	1
6502 Assembler	3.0	1988	Commodore 64	3
AREXX	4.0	1994	Amiga	3
Amiga Dos	5.0	1994	Amiga	4
MS DOS	5.0	2001	PC	4
MPE/X JCL	4.0	2001	HP	3
Pascal	course	1997	teaching	3
Java	self taught	1999	PC	2
Ruby	1.5	2006	PC	2
RoR (Ruby on Rails)	1.0	2006	PC, Ubuntu	2

PROGRAM DEVELOPMENT TOOLS

	Years Used	Last Used	Platform	Skill Level
Visual Studio	1.5	Current	PC	3
Eclipse	1	2006	Linux (Ubuntu)	2
Excelerator (CASE)	3.0	1992	PC	3
VMS (MMS, CMS)	4.0	2006	VAX	3
MAKE	4.0	1995	Unix, Amiga	3
Micro Station	2.0	1990	PC	2
FRAMME FKBT	1.0	1992	Unix	2
FRAMME FMPG	1.0	1992	Unix	2
FRAMME PCR	5.0	1992	VAX	3
FRAMME UDP	4.0	1992	VAX	3
IGDS EDG	7.0	1993	VAX, PC	4
IGDS IPLOT	2.0	1993	VAX	2
IGDS IPS	6.0	1992	VAX, PDP 11	3
IGDS FLIB	5.0	1992	VAX, PDP 11	3
IGDS CSL, ISIF	2.0	1988	VAX, PC	2
IGDS ANL	4.0	1987	PDP 11	4
IGDS BITS, RFMOD	3.0	1990	VAX, PDP 11	3
ZEH	0.5	1990	VAX	2
ANALYZE/RMS	8.0	1996	VAX	3
EDIT/FDL	4.0	2005	VAX	5
EDIT/ACL	4.0	1996	VAX	4
VMS FMS	2.0	1983	VAX	3

DATABASE AND DATA COMMUNICATIONS

	Years Used	Last Used	Platform	Skill Level
MySQL	0.5	2007	PC/Windows, Ubuntu	1
MS SQL	1.0	Current	PC/Windows	3
IGDS	10.0	1993	VAX, PDP 11, PC	4
DMRS	8.0	1993	VAX, PDP 11	3
FMU	4.0	1993	VAX, Unix	2
TCP/IP	5.0	Current	Unix, PC, Amiga	2
DECNET	11.0	1997	VAX, PDP 11	3
PATHWORKS	2.0	1996	VAX, PC	2
ORACLE	1.0	1996	VAX, Unix	2
RDB	3.0	1997	VAX	3
ISAM	10.0	2006	VAX	3
DBASE / FOXBASE	1.0	1988	PC	2
DATATRIEVE	5.0	1997	VAX	4
POWERHOUSE	7.0	2001	VAX, HP3000	4
SMARTSTAR	1.0	1996	VAX	1
SUPERBASE PROFESSIONAL	2.0	1992	Amiga	2
ACCESS	2.0	2006	PC	2
USENET UUCP	3.0	1992	Amiga	2
Compress, Zoo, Arc, LHArc	6.0	1994	VAX, UNIX, PC, Amiga	4
PKZIP, WinZip	6.0	Current	DOS, Windows, Amiga, VMS	4

OTHER UTILITIES AND SOFTWARE PACKAGES

	Years Used	Last Used	Platform	Skill Level
MS-WORD	8.0	Current	MAC, PC	4
EXCEL	8.0	Current	MAC, PC	5
EXCELLENCE!	4.0	1992	Amiga	3
FINAL COPY	2.0	1995	Amiga	3
TYDAC	1.0	1986	PC	2
VMS BACKUP	6.0	1996	VAX	4
VMS AUTHORIZE	6.0	1992	VAX	3
ANALYZE/RMS/FDL	4.0	2003	VAX	3
MICROSOFT WORKS	4.0	1998	PC	3
MICROSOFT FRONTPAGE	3.0	2001	PC	3
COREL DRAW	2.0	1996	PC	2
WORD PERFECT	2.0	1998	PC	3
Netscape Navigator / Communicator	7.0	2001	PC	4
Partition Magic	6.0	2006	PC	3
System Commander	6.0	2001	PC	4
Netscape Composer	2.0	2001	PC	3
Microsoft Outlook	8.0	Current	PC	3
Microsoft Schedule Plus	2.0	1998	PC	2
Microsoft Internet Explorer	8.0	Current	PC	4
Lotus Notes	3.0	2001	PC	2

* Skill Level (1 = minimum, 5 = maximum)