Personal Résumé
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Skills Application Summary:

Internet/Intranet programming of E-Commerce and customer facing web applications - Manufacturing Job Costing/MRP II/ERP/Inventory/Logistics /Capacity Planning/Returns Authorization - Service Industry Inventory/Service Delivery/Communications - Law Enforcement/Probation/Parole Systems/Jury – Mortgage Underwriting AI System, Mortgage Lending Origination Systems (Lakewood), Real Estate MLS Integrations To Third Party Services, Medical Insurance, and Travel Systems (Sabre/Woldspan GDS) – Digital Marketing, CMS, survey tools, product registration, and CRM.

Software Used:

OS: HP-UX, AT&T UNIX, IBM AIX, NCR MP-RAS, SCO UNIXWare, SCO OpenDesktop, Sun Solaris, MS Windows, Slackware/Red Hat/Suse Linux, Apple OS X, Palm OS, Android (Droid), Zaurus PDA Linux.

Language & Compilers: PROGRESS 4GL (Versions 6,7,8,9,10,11) and PROGRESS Webspeed 2.1/3.1/OpenEdge, ksh/sh/bash shell scripting, IBM AIX C & C++, Borland C/C++, Zortech C/C++, SCO UNIX C Compiler, FORTRAN 77/IV, Various BASIC, GNU C++ Compiler, HP-UX C Compiler, NCR High Performance C/C++ Compiler (on AT&T UNIX and MP-RAS), MS Visual C/C++ Compiler, JYACC JPL, Borland C++ Builder, Powersoft C++, Metrowerks Code Warrior C++ (Palm Pilot Development), Javascript, PHP, IBM Net.Data, HTML/DHTML/CSS, XML, some JSP & Java, SQL.

Middleware: IBM Net.Commerce, IBM DB2 CLI/Universal Database, Oracle Database via Progress 4GL, Progress RDBMS, Progress 4GL/ABL Client (Char/Web), IBM MQ Series (now called Websphere MQ), NCSA Web Server, Netscape/Apache/MS IIS/Lotus Web Server, MySQL RDBMS, PostgreSQL RDBMS, Tomcat, Sonic MQ

Version Control: CVS, SVN, SCCS, Helix ALM

Networking: Wide Area/Local Area Network programming and configuration (TCP/IP/X.25/Ethernet/FDDI) and Wide Area Packet Radio Wireless Networks (ARDIS/American Mobile Satellite Corporation (AMSC))

Open Source: GNC C++ Compiler, PHP, MySQL RDBMS, PostgreSQL RDBMS

Security: Encryption (PGP/GPG/Etc)

Integration: SOA, Web Services, Network Programming, Websphere MQ, Sonic MQ, TCP Sockets

System Administration: DNS, HTTP, SMTP, IMAP, POP3

Code Examples:

http://www.oehive.org/amduus/

Presentation:

http://amduus.com/training/WebSecureProgramming/WebspeedSecurity.html
http://amduus.com/training/OOP1Presentation/OOP%20ABL.m4v
http://amduus.com/training/WebspeedBrokerOnWindows.html

Relevant Career:

August 2018 – January 2019
Software Engineer
Meridian/Wellcare
Detroit, MI
https://corp.mhplan.com/

(Contract via Progress Software Services) Updates to MCS, a client/server GUI delivered by WebClient for processing of healthcare claims, provider payments, and interaction between Medicare, Medicaid, and their commercial HMO.

2013 – 2018
Software Engineer
Freedom Mortgage
Fishers, Indiana (Remote Worker)
https://www.freedommortgage.com/

Sonic messaging as integration between Java/WebSphere web sites for various channels (retail, wholesale, etc.) and Progress App (Lakewood) as well the API in Progress for Java (Websphere) programs to call.

2001-Current
Programmer Analyst/President
Amduus Information Works, Inc.
1818 Briarwood, Flint, MI 48507-1436
http://www.amduus.com

An incomplete list of examples include: Web based customer interaction software for the service, manufacturing, and law enforcement industries. Performed advanced Webspeed training for Superior Court of California/County of Santa Clara, ThemaSys, and ThermaLex, Inc. and others. Built jury summons web site for the Superior Court of California, as well web based inquiry screens. Summoned jurors could interact with the court regarding postponements, excuses, and qualification through the web site.

Publish The Progress E-Zine, a publication subscribed to by over three thousand readers across hundreds of companies in over fourteen nations among other books (see below).

Publish the Progress Open Source CD-ROM which collects various routines and applications available in the Progress open source world.

As president: Marketing and sales of the company's services to various companies. Time and expense recording. Outsourcing of accounting/tax preparation. Corporate tax and record keeping for a C Corp registered in Delaware for Delaware based registered agent. Project collaberation with other companies/persons and legal requirements. Outsourcing of legal preparations (contracts, etc.)

2007-2009
Senior Progress Developer
Dovel Technologies/Northrop Grumman Mission Systems
7918 Jones Branch Dr. Suite 100
McLean, VA 22102
http://www.doveltech.com

Progress RDBMS consultant at Northrop Grumman Mission Systems/GovTrip. Developed SaaS web application for federal government agencies to schedule and manage travel for their personnel. Integration of application with various GDS (Worldspan, Sabre) for reservations. Integration of application with agency accounting systems. Developed Web Services/SOA so agencies could use their own internal applications to work with GovTrip's data and functionality.

2003-2005
Senior Developer
ARC Systems
2600 Via Fortuna Drive, Suite 500
Austin, Texas 78746
http://www.arcsystems.com/

Development and enhancement to LT2K, an expert system that performs mortgage underwriting in a "Software as a Service" environment. Rework of process flow for development and enhancement of LT2K and other applications at ARC Systems. Perform troubleshooting of unexpected results from the automatic decision system.

(LT2K was a web application hosted by ARC that was customized to run as appearing to be from the banks themselves.)

2001-2003
Founder/Vice President
Auge, Emmons, & Ziola, Inc.

Software incubator. Sold my interest in this company to my partners upon profitability.

1995 - 2001
Programmer/Analyst/Systems Administration
Analysts Express, Inc. (Software Contracting Company)
12902 Glenyork Court, Cypress, Texas 77429

Design/Analysis of various web application based projects within Siemens Information and Communications Networks. Online support for customers to contact Siemens thru the web for service requests, E-Commerce for customers to purchase thru the web, Customer Dispute Resolution for invoices under dispute. Legal Contract inventory and lookup under a web interface. Updating of service dispatching software.

Developed for Professional Services of Progress Software Corporation for BI Incorporated. Performed installation of PROGRESS RDBMS 8.2B/Webspeed 2.1, analysis, and programming of national probationer tracking system.

Worked as a designer, implementer, and trainer on Astea Intl.'s Remote-1 software (radio packet networking software for service technicians). Performed and trained people for technical troubleshooting and use of NCR's worldwide dispatching system. Enhancements and integration of Astea's Dispatch-1 software as NCR's internal worldwide dispatching system.

1993 - 1995
Programmer/Analyst
Coe Press Equipment Corporation (Industrial Equipment Company)
40549 Brentwood, Sterling Heights, MI 48310
http://www.cpec.com/

Worked as a designer, implementer, and trainer of job costing, material resource planning, capacity resource planning, and logistics software. Developed in Progress ABL and C on UNIX.

1985 - 1993
Systems Consultant
Auge Enterprises

Worked with law enforcement agencies to better their informational structure. Provided training on computer operation.

Developed automated circulation tracking system for Daily Mining Gazette, a subsidiary of Thompson Newspapers. Trained/Documented/Enhanced the system. Worked with networked MSDOS developing with Q&A Database product. Various privately developed programs.

1989
FORTRAN Tutor
Gogebic Community College (Education)
E-4946 Jackson Road, Ironwood, MI 49938
http://www.gogebic.edu/

Worked with students in the application of FORTRAN to solve problems. Training students with basic use of computers.

Education:

Gogebic Community College
Ironwood, Michigan

Studies in Mathematics for transfer to a four-year university.

Michigan Technological University
Houghton, Michigan

Studies leading to a B.S. in (Computational) Mathematics.

Baker College
Flint, Michigan

Studies leading to a B.B.A. Marketing.

Associations:

Computer Society IEEE
Association of Computing Machinery
Michigan UNIX User's Group
Bay Area Progress User's Group
Michigan Progress User's Group

Books Published:

Web Recipes for Progress OpenEdge 10.x (Freely available for the asking)
OpenEdge Programming Standards
Discussions of Object Oriented Programming in Progress OpenEdge 10.x
Progress E-Zine Collection Volume 1
Progress E-Zine Collection Volume 2
Progress E-Zine Collection Volume 3

Honors:

Gamma Beta Phi (Academic Honors Society) at Baker College
President's List (4.0 GPA) at Baker College
Nominated for 2006 "Pegger Of The Year"
Nominated for 2007 "Pegger Of The Year"

International:

USA Passport Holder

Interests:

Symbolic Mathematics, Expert Systems, Neural Networks, Computational Mathematics, Business Processes, Entrepreneurship, Movie Distribution

Sample Code

http://www.oehive.org/amduus/