

JASON A. JENSEN

HTTP://JASONAJENSEN.US

6 ARROWHEAD RD
KIMBERLING CITY, MO 65686
E@JASONAJENSEN.US
(262) 885-1774

SUMMARY OF QUALIFICATIONS

- ❖ Has unique experience in Industrial Automation and Controls field originating from Software Development/Design and Information Technology.
- ❖ Possesses a high level of proficiency in object-orientated analysis/design, multilingual development, and integration. Skilled at processing from problem statement to well-documented designs.
- ❖ Strong background in web technologies and new emerging trends such as web services, XML, and serialization.
- ❖ Analytical thinker capable of efficiently solving problems that have eluded resolution by others.
- ❖ Time Saver using PLC, HMI auto generation from data sources merged with templates.

EDUCATION

Siemens Training

APACS+ to PCS7 Migration, APACS+ Configuration, Vision
Step 7, WinCC Flexible, SCL, GRAPH

Omaha, Nebraska

2008

2007

University of Nebraska at Omaha

Bachelor of Science in Management Information Systems
ABET Nationally Accredited Program

Omaha, Nebraska

2005

PROFESSIONAL EXPERIENCE

Tempered Enterprises, L.L.C.

3/2012 – Present

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- Custom Design and Implementation of Controls Code Generation.

TriCore, L.L.C.

7/2011 – 3/2012

6921 Mariner Drive, Racine, WI 53406

(262) 886-3630

- Implemented Sequencers for on Demand Powder to Brine Mixing Subsystems.
- Greatly Enhanced Internal PLC Code Generation and Standards.
- Completed Multiple Projects Utilizing the GE Proficy HMI/SCADA iFIX and Control Logix.
- Rebuilt the TCflexBATCH from a VB 6 to a VB.NET codebase.

Saber Controls, L.L.C.

11/2008 – 7/2011

265 Millard Avenue, PO Box 250, Cokato MN 55321

(320) 286-0058

- Designed and Implemented an Embedded Controller using Windows CE and C# .NET to interface with proprietary controller over RS485. Implemented a custom DDE server to enable communications to Wonderware InTouch including automatic InTouch tag generation via CSV file format for dbdump and automatic HMI screen generation via InTouch XML specification for OEM Hydrite Chemical.
- Designed, Implemented, and Startup of FactoryTalk View SE HMI and Rockwell Control Logix PLC featuring Addon Instructions for Caloris Engineering on a Dairy Evaporator.
- Primary Support Resource for Plumrose USA, Inc. and SensoryEffects for Support of Siemens S7, WinCC Flexible, FactoryLink, and SIMATIC.NET.

Engineering, Automation, & Design, Inc./EAD Controls, Inc.

9/2006 – 10/2008

4610 South 133rd Street, Suite 10, Omaha, NE 68164

(402) 884-8650

- Retrofitted two entire plant control systems for Darling International, Inc. using ControlLogix, Wonderware IAS, and InTouch.

Web

AJAX
CSS
HTML/XHTML
JavaScript
XML/XSL/XSD

Databases

Microsoft SQL
MySQL
Oracle
TinyDB

Platforms

AIX/Linux/UNIX
Windows
8/7/Vista/XP
Windows Server
2000-2008
Windows NT 4

Control Systems

Siemens
Rockwell
Omron
Yokogawa
Modicon

Programming

C# .NET
Visual Basic .NET
PHP
C++

Networking

Firewalls
Security
Routers
Switches
Trunking
VPNs
VLANs

Services

IIS
Exchange
Apache
Named
DNS

- Supported plant systems for Aventine Renewable Energy, Inc./Nebraska Energy, LLC. featuring APACS+ and Compact Logix. Lead Technical Resource for OSI PI data link to APACS+.
- Retrofitted entire plant refrigeration system for Plumrose USA, Inc. featuring Siemens S7-300 and WinCC Flexible.
- Lead Technical Resource for automated crane delivery system for Besser featuring S7-300 Safety, Profinet, WinCC, Microsoft SQL Server, WPF .NET interfaces.
- Implemented OEM controls for Vulcan Industries for wastewater treatment featuring S7-300, WinCC Flexible, GRAPH.

All Truck Equipment

7/2004 – 3/2005

8529 Wirt Street, Omaha, NE 68134

(402) 572-4185

- Customer Service and Billing using QuickBooks Professional
- Designed and implemented a real-time barcode inventory system that integrated with QuickBooks for inventory and invoicing.

Bellevue University

1/2000 – 6/2006

Lozier Professional Center, Omaha, NE 68164

(402) 557-7700

- Installed, troubleshot, and maintained 150 personal computer systems, 50 printers, 11 networking hubs and over 10 miles of CAT5 UTP cabling on a 100Mbps fast Ethernet network

Mutual of Omaha Insurance Companies

5/2000 – 8/2000

Mutual of Omaha Plaza, Omaha, NE

(402) 342-7600

- Maintained distribution center's inventory
- Responsible for shipping and receiving of equipment.
- Installed various hardware including monitors, keyboards, mice, and CPUs.

CONTRACTUAL EXPERIENCE

Alliance Pharmacy Services, LLC
407 Pilot Ct
Waukesha, WI 53188
Experience: Website Programming

Heartland/National Pharmacy Services
11028 Q Street
Omaha, Nebraska 68137
Experience: Website Programming

TECHNICAL KNOWLEDGE

Industrial Control Systems and Automation

Siemens: APACS, PCS7, Step 7, WinCC, WinCC Flexible, S7-300/400, S5, Profibus, Profinet, Drives, FactoryLink, SIMATIC.NET OPC Server

Wonderware: InTouch, Industrial Application Server/System Platform, Historian

Rockwell: RSLogix 5, 500, 5000, Control Logix, Compact Logix, DeviceNet, ControlNet, EthernetIP, FactoryTalk, View SE, View ME

Yokogawa: CS3000

Modicon: ProWorx32 (Used for Control System conversions)

Omron: CX-Programmer, CX-Integrator

Concepts

Object Orientation, Diagramming, Networking, Module and Systems Testing, Debugging, Obfuscation, Encryption (One-way, Two-way, Public/Private key Based Systems), 1D & 2D Barcode Symbologies, RFID, Memory Handling, Error Trapping and Handling, Code Optimization, Web Technologies, Credit Card Processing, Application Programming Interfaces, Windows Driver Model.

Operating Systems

Windows Desktops (95-XP), Windows Servers (NT-2008), POSIX based systems such as Linux and Unix, Embedded Technologies (WinPE, Linux, WinCE/Platform Builder, NET MF).

Software

Microsoft Office Suite + Add-ins/API, Photoshop, Microsoft Developer Environment, Microsoft Internet Information Server (IIS), Apache + SSL, Enterprise Management and Query Analyzer, VMWare, CPPOP, EXIM, Sendmail, OpenSSH, Interchange.

Hardware

RAID IDE/SCSI 0,1,5,10,50, Redundant Power Systems, Managed Switches, Routers, Serial Communications, Cable Modems, A/S/I DSL, Modems, Wireless Technologies 802.11a/b/g/n, 2G, GSM/GPRS, PCs, Network/Memory Cards.

Programming Languages

C++, Visual Studio .NET Suite specializing in C#/Visual Basic and Network Protocols of TCP/IP (TCP/UDP+Broadcast/Multicast), Web Services (WSDL/SOAP), Java, JavaScript, HTML, XML, WML, XAML, FLASH, ActionScript, PHP.

Databases

MySQL Pre and Post 4.1 Versions, Microsoft SQL Server, MSDE, Oracle, PostgreSQL, ANSI SQL92, SQLite, Microsoft Access.

TCP/IP Protocols

DNS, ICMP, DHCP, SSH, SSL, POP, HTTP, FTP, IRC, SMTP, SOCKS, Layer 2 Forwarding (L2F), Layer 2 Tunneling Protocol (L2TP), Point-to-Point Tunneling Protocol (PPTP), Transport Layer Security (TLS).

PROFESSIONAL REFERENCES

Name	Company	Position	Contact
Bob Schmitt	Echo Automation	Sales Professional	402-677-6386
Todd Bouvia	Siemens Automation	Regional Sales	402-980-0160
Joel Cook	Hydrite Chemical	Technical Manager	920-428-2803
Matthew Brunton	Caloris Engineering	Project Engineer	256-504-9862
Matthew Cameron	Logic Control	Product Specialist	402-492-9388
Pat Mawrey	Echo Automation	Technical Resource	402-670-4583
Russ Foust	EAD Controls	Controls Engineer	402-926-9629

