

Objective

I am NOT looking at this point – my current position is satisfying and challenging.

Work Experience

2008-Present **Information Systems Coordinator**

Seneca Nation of Indians, Salamanca, New York. (www.sni.org)

2004-2008 **Network Administrator**

Seneca Nation of Indians, Salamanca, New York. (www.sni.org)

- Responsible for all aspects of all LAN/WAN/SAN/systems,multiple campuses, 30+ buildings, coordinating 4 techs.
- Development and tweaking of in-house web applications and services, installation/modification/integration of open source software, integration and data transformation.
- Specify/Recommend systems/specs from mobile devices/desktops to Servers and Storage, renewal cycles, maintenance etc., manage and specify systems administration, create and maintain procedures.
- Windows/AD/Exchange/MS-SQL/IIS/ISA, Debian Linux, Cisco, Nortel, Dell L3 Switches, Lefthand SAN, VirtualIron/Xen, Fortinet. Plan, Project, Configure, Deploy all hardware and most software throughout the organization, SAN Startups, OSPF, Policy Routing, SNMP, VPN, Disaster Recovery/Backup, Strategies, etc.
- Misc. responsibilities include Phone system (Nortel) updates, user support, quotes/ordering/purchasing, financial/fiscal software (Fundware) support., signage system, Anything that plugs in basically.

1999-2004 **Automation and Control Systems Engineer**

Highland Injection Molding Inc., Salamanca, New York. (Plastics production)

- Plan, Project, Program, Deploy and Document retrofits of control systems (PLC/HMI/PC) and electrical for Injection Molding Machinery, assembly and accessory machinery and equipment. (Mostly Allen Bradley and Wondeware).
- Troubleshoot and repair of Injection Molding Machinery, assembly/support equipment, and plant installations. Relay controls, PLC, PC/Proprietary, Electrical, Hydraulics, and Pneumatics.
- Development of production/process/warehouse monitoring network and integration with intranet/ERP systems using Linux, Python, Perl, PHP, Visual Basic, C and more. (Getting process and production data from PLC's, Barcode readers etc to central databases, intranet portal, for our in house applications and integration).
- IT/Systems and Network administrator; installation and maintenance of ERP system (W2K/Macola/Pervasive), network servers (Win/Linux/Unix), LAN/WAN, workstations and user/application support.
- Development of Intranet system for integration with ERP and Production monitoring (Linux/Apache/PHP/MySQL/PLC-communications).

This company is now named East End Plastics; I still do some consulting for them on a regular basis.

1998-1999 **Programmer and Service Co-ordinator**

Larsen Automasjon, Tyristrand, Norway. (Industrial Machinery Manufacturer)

- Established and managed programming (PLC/HMI), Service and Electrical department
- Training of programming (PLC/HMI) and service engineers.
- Plan, Project, Program, Deploy and Document of control systems (PLC/HMI) and electrical for industrial packaging and product/material handling machinery for automated production line environments.
- Assisting project leaders and designers with development of solutions, project plans and quoting.
- Service, installations and technical support (Remote troubleshooting) all over europe, lots of interaction with customers.
- IT Administrator; Workstations, Server, LAN/WAN, NT, Novell, UNIX. User support CAD stations.

1991-1998 **Apprenticeship / Programmer**

Nor-Reg AS, Honefoss, Norway. (Industrial Packaging Machinery Manufacturer)

- Apprenticeship (18 Mo.), Exam and Degree, Automation Mechanics. This time also includes installation/service.
- Planning, Programming, Deployment, Testing, Documentation, Installation, Service and technical support of custom packaging machinery, worldwide.
- Controls (90% Siemens Simatic), Electrical, Pneumatics and Robotics.
- Lots of field engineering in customers production plants to fit machinery to local process and product variables.
- Developed internal documents/templates and routines, Excel, Word.
- Working with R&D dept. on pilot projects and new technology, many Siemens courses and workshops on their new products.
- Assisted in workstation and network management, NT, UNIX. Assisted with implementation of TCP/IP.

Skills

- PLC: Siemens Simatic S5 (95,100,115,135), S7 (200,300,400). Allen Bradley SLC (500). Mitsubishi. Modicon, Omron, Idec, SattCon, AutomationDirect, Hitachi.
- HMI/MMI: WonderWare InTouch. Siemens WinCC/Protool, OP 3/7/17/25/30, TP 27. Allen Bradley Wintelligent View, Some RSView, Omron, Modicon, Idec. + In House developed VB Based front ends tying to PLC data near real time.
- Industrial networking: Siemens PPT/L2DP/Profibus/ASi, TCP/IP, Modbus, DeviceNet, CANopen, serial/modem.
- IT: UNIX/Linux, Windows, MS-Office, ERP/MRP (Macola), Delphi, Perl, PHP, Python, Ruby, Web/Intranet dev., Visual Basic, C#, misc. DB/SQL, and some C/C++ and Java. Virtual Iron (Xen), iSCSI/SAN, IOS/CatOS.
- I believe that my most important skill is the ability to figure things out (troubleshoot anything), adaptability, logical sense, versatility, and willingness to use my hands on and get dirty when needed. If your Job Interview incorporates a practical test of some sort I can probably prove this.

Education

1987-1991 **Automation Mechanic**, 3 Year Technical College, Tinius Olsen Skole, Kongsberg, Norway.
+ 18 Months Apprenticeship and Exam/Certificate (Degree) at Nor-Reg AS, 1991/1992.

Military Service

1993-1994 **Kp. Electro-Mechanical Weapon Systems Assistant, F16, Flight Line.**
10 Month mandatory military duty. F16 Aircraft weapon systems and explosives.

Certifications - BrainBench.Com (Online Exams) Transcript id 314395

Certifications achieved prior to September 9th 2000 is only valid for one year, all others are valid for 3 years.
The older ones included for history/experience information.

- 3/3/00 Windows NT WS Administrator
- 3/3/00 Windows 98 Administrator
- 3/4/00 HTML 4.0 Programmer
- 7/10/00 MS Windows 2000 Desktop Admin
- 7/10/00 MS Internet Explorer 4.0 Admin
- 7/17/00 MS Excel 97 Power User
- 7/17/00 MS Word 97 Power User
- 7/17/00 TCP/IP Administration
- 7/18/00 MS FrontPage 2000 Developer
- 2/17/01 Networking Concepts
- 2/19/01 MS Excel 2000 Power User
- 2/19/01 MS Word 2000 Power User
- 2/19/01 MS Windows 2000 Server Administrator
- 2/19/01 Computer Industry knowledge/analyst
- 3/6/01 Computer Technical Support
- 3/6/01 Linux General System Administration
- 3/7/01 Programming Concepts
- 3/15/01 Telecom. Industry Knowledge/Analyst (Master)
- 3/15/01 Essential Math Fundamentals
- 3/22/01 Unix Korn Shell Scripting
- 7/14/01 ISDN (North American)
- 10/2/01 Macromedia Dreamweaver 4 (Master)
- 10/2/01 Web Design For Accessibility
- 11/3/01 Network Monitoring Technology
- 11/3/01 Macromedia Fireworks 4
- 1/17/02 PHP-4 Programmer (Master)
- 1/18/02 JavaScript Programmer
- 2/17/02 Access 2000 Fundamentals
- 2/22/02 XML Developer
- 9/3/02 RDBMS Concepts
- 1/8/03 MySQL 3.23 Administration (Master)
- 1/24/04 Networking Technical Support
- 1/24/04 Essential Math Fundamentals (Metric)
- 1/24/04 Technical Help Desk (Microsoft) (Master)
- 7/11/04 Bash Shell Scripting
- 6/11/05 Cisco Network Support
- 1/24/07 Network Technical Support

References

Available upon request.

Miscellaneous

Industrial Automation - I still take on tasks now and again (at least once a month) troubleshooting or retrofitting/installing industrial control systems for local factories and previous employers, PLC or PC based controls, networking etc.

Other Educational 1994-1998 Siemens workshops and courses; specialty cards (IM/IP/FM), networking/field-IO ++

Hobby - Web and e-commerce application development, web hosting and all kinds of Internet and web related things. Computer repairs/build/install, routing and firewall setups and HA systems with Linux, PC controlled devices and more. I have been teaching some computer classes for the continuing education program at the Salamanca High School.

Home Automation – Just a hobby, I usually have some project going on making things do stuff at home (PC control).