

Michael L Watson

Michael L. Watson

Instrumentation, Telecommunications, and Systems Hardware Specialist

I have extensive technical/engineering/measurement experience in both the lab and field environments with electrical power systems, computer systems, instrumentation loops, SCADA systems, PLC's, RTU's, EFM's, Transmitters to Digital MVX level, and communications systems including Radio, Cellular, CDPD, and LEO Satellite systems. My experience includes all systems phases; from system wide design to installation to diagnostics to component level repairs. I am familiar with many lines of electronic measurement devices, and many transmitter lines. My experience includes work both domestically and internationally with work completed in 11 different countries. In keeping with the latest technology, a rigorous training program is maintained as can be seen in Appendix A. I am currently a listed IBM consultant and on Microsoft MSDN. I independently served as a Beta tester for Microsoft on Windows 95, Windows 98, and Windows 2000 and for IBM on Groupwise. I have taught electronic flow measurement courses for the TEEEX program sponsored by Texas A & M University and for the I.S.H.M. program sponsored by the University of Oklahoma, and for A.S.G.M.T. The American School of Gas Measurement Technology sponsored by the American Petroleum Institute, and PETEX for The University of Texas Austin CEE. Shell, Exxon, Mobil, Devon Energy, Mustang Gas Co., Reliant Energy, Louisiana Pacific, Enstor, Enbridge, Occidental Petroleum, and Chevron currently certify me for both land based and offshore work. I have provided consulting services for Support companies in Brazil, Bolivia, Paraguay, Chile, Peru, Ecuador, Canada, Mexico, Argentina, Kuwait, the city of Houston at the Kingwood facilities and for the City of Memphis at the Southaven facilities and also for clients in Oklahoma, West Virginia, Virginia, Kentucky, New Mexico, and Pennsylvania. I maintain a personal ftp site and have had a web site presence for 9 years. I am active as a 28 year husband, 21 year Father, 9 year Scout leader, 6 year trainer, 3 year Multi-Unit Commissioner, and 3 year Webmaster for the Boy Scouts of America's Bay Area Council.

With 25+ years of experience in working with electronic measurement and control systems, I have extensive knowledge of many product lines for industry.

Michael L Watson

Education

A.A.S.E.T. Alvin Community College, 1983-1985.

36 credit hours towards B.S.E.E. completion Angelo State University Texas 1996-1999

Fluid Physics University of Houston/Clear Lake, 2000 4 credit hours

Calculus II University of Houston/Clear Lake, 2001 3 credit hours

Approximately 500 hours of workshops, seminars and classes with approx. 100 CEU hours earned and applied for a total towards BSEE of 142 credit hours. See Appendix A

Awards

Electronics Department Scholarship, 1983-1985

Deans list (3 consecutive semesters) , 1983-1984

Merit list (during 4th semester as part-time student), 1985

Bay Area Council GM Award, 2001

Bay Area Council BSA Webmaster, 2000, 2001, 2002

Mustang District BSA Top Hand award, 2000

Good Citizen Award Alvin, Tx 1999

Mustang District BSA Extra-Miler award, 1999

Mustang District BSA Most Progressed Unit, 1996, 1997, 1998

Mustang District CSA Most Progressed Unit, 1997, 1998

Mustang District CSA Training staff, 1996--2002

Mustang District CSA Commissioner staff, 1998--2002

Award of Recognition, Houston Area BBS Sysops, 1995

Technician of the year, Cyberco International, 1994

Memberships/Appointments

AMCC Alvin-Manvel Chamber of Commerce (2005- Current)

Cultural Diversity Awareness Commission, City of Alvin, Tx. Three year term office expiring Dec. 31, 2010.

ISA Instrumentation Society of America (2003-Current)

ISO International Standards Organization (2005-Current)

AGA American Gas Association Report No. 8 Measurement Subcommittee. Short term appointment expiry date 2006.

Michael L Watson

Experience

Rapid Technologies Intl Ltd Alvin, Tx (2005- Current)

Rapid Technologies was started as an equal partnership on Jan. 1, 2005. As of Jan. 1, 2007, Rapid Technologies Intl Ltd, and its parent RTINTL LLC is 100% owned and operated by myself. In starting and developing Rapid Technologies, I have been the sole owner/operator of the entire corporation. I have developed and maintained project work, export business, and direct Engineering Consulting services. I operate as President and CEO. I currently conduct business in North America, South America, and The Middle East. My activities have included work in The Petroleum industry, the Water treatment Industry, Safety, and the Factory and Production Floor Environments. My executed abilities include System Design, Project Management, Project Startup, Field Commissioning, and Maintenance / Operations Documentation and Certification. Extensive work devoted to implementation of Standards to Executable software program implementation, easy to use spreadsheet applications including, but not limited to ASTM, API, AGA, ISO, MPMS, etc.

Starting position: Partner

Ending position: Owner

ITT Industries Fluid Technology Div Houston, Tx (1996-1998)

Barton Instrument Systems (1998-2002)

NuFlo Measurement Systems (2002-2004)

Duties included Customer support and system design/integration at the Barton Technical Center for all flow product lines. I served as the electronic flow product specialist. Both software and hardware issues were solved at BTC. Duties also included supervision of value added production facility for Barton Scanner communication and control packages. Position included travel throughout the United States, Northern Mexico, and extensive offshore travel in the Gulf of Mexico, and extensive travel throughout South America.

Starting position: Product Support Technician

Ending Position: Sr. Technical Sales/Support Engineer

Michael L Watson

Experience con't

ST Environmental Services Houston, Tx (1992-1996)

Duties included the maintenance, repair, and installation of all electrical, electronic, instrumentation, computer, SCADA, GIS, and communications related work in all districts in the Kingwood area serving a community size of ~50,000. I also maintained , upgraded, and repaired Square D Symate, Westinghouse, Allen-Bradley, and Autocon microprocessor based programmable loop controllers (PLC's). I maintained and updated program code for Ilex "C" based control program for the Kingwood area SCADA system. I installed software and performed upgrades on PC's and laptops. I performed PC and laptop hardware maintenance, installation, upgrades, troubleshooting and repairs to component level.

Starting position: Maintenance Electrician

Ending Position: Sr. Technician

Soland Electric Co. Houston,Tx (1986-1992)

I installed, serviced, and repaired low and high speed communications equipment for the Houston office of the FDIC. I supervised installation, maintenance, and repair of the following: PC controlled access control systems for SWBT; Alarm and access control systems (PC controlled) for the Salvation Army women's shelter; 3,000 device PC controlled smoke and fire detection system for AT&T; PC controlled power distribution systems for MH technologies, The Paragon Group, and NASA; 800 line telephone installation at Ellington Airfield for the USAF and NASA; PC controlled card access and alarm systems for UH College of Architecture; SCADA system for water and wastewater for the entire city of Kingwood,Tx; all electrical and instrumentation for three 1,500 GPM water wells and one 1.5 MGD water production plant in Kingwood,Tx.

Starting position: Electronics Technician

Ending Position: Technical Supervisor

Alvin Community College Alvin, Tx (1983-1985)

While attending school, I served as the Electronics Lab Assistant. Duties included preparing lab experiments for students, preparing lab examinations, maintaining proper parts inventory to support labs, and worked with Dept. Head C.G.Glatt to setup Motorola M68000 based network development lab.

Starting position: Electronics Lab Assistant

Ending Position: Electronics Technician

Appendix A

Seminars Workshops Certifications

Rockwell Automation Introductory RS Suite training. 4 hours each, 2006, 2007, 2008
Rosemount Intelligent transmitter training seminars 4 hours each, 2005, 2006, 2007
RTU Micro 4000M training HW/FW/SW 40 hours 2006, 2007
GLMS Development training with Visual Studios in .NET environment 20 hours, 2007
Commfidence training with Accelemetrics LLC 8 hours, 2007
Autosol Enterprise Server Operations training, 8 hours, 2005, 2006
Coastal Flow Technologies Program Operations training, 4 hours, 2001, 2005
Sterling Chemical Plant safety training, 2 hours ea, 2002, 2004, Laporte, Tx
Louisiana Pacific OSB Safety training, 1 hour ea, 2001, 2003, 2006, Sisbee, Tx
Occidental Petroleum Safety / H2S training, 2 hours ea, 2001, 2003, 2005, Midland, Tx
Exxon / Mobil Safety procedures training 1 hour, 2001, Midland, Tx
ABB Totalflow EFM / WinCCU training, 8 hours, 2001, Odessa, Tx
Permian Basin Measurement School, 8 hours, 2001, 2002, 2003, Odessa, Tx
Coastal Flow "FlowCal" measurement training 24 hours, 2001, Houston, Tx
NI Industrial Control Seminar series 4 hours, 2001, 2002, 2003, 2004, Houston, Tx
Contrec Flow measurement products technical training, 16 hours, 2002, Houston, Tx
MSDN Conference 8 hours, 2001, Houston, Tx
Total Research Group for IBM 4 hours, 2000, Houston, Tx
Brainbench online certification Master level Computer Electronics 2001
Brainbench online certification Master level Computer Fundamentals 2001
Brainbench online certification Programmer/Analyst Aptitude 2001
Brainbench online certification Windows Navigation 2001
Brainbench online certification Outlook 2000 Navigation 2001
Brainbench online certification High IT aptitude 2000
Brainbench online certification Computer Technician 2000
Brainbench online certification Windows 95 Power User 2000
H2S Safety training, 8 hours, 2000, Houston, Tx
National Instruments VXI Seminar 8 hours, 1997, Houston, Tx
Harding Instruments Barton equipment training, 24 hours, 1997 Calgary, Ca
NFPA Changes Seminar 16 hours, 1997, 1999, Houston, TX
Griggs-Anderson Online Oscilloscope research project, 1997
Microsoft Corporate Solutions Seminar, 4 hours, 1997, Houston, Tx
Hewlett-Packard Success Seminar, 3 hours, 1997, Houston, Tx
ASAP/Microsoft Office 97 Seminar, 3 hours, 1997, Houston, Tx
ITT Barton Instruments ATG Training, 8 hours, 1997, Los Angeles, Ca
ITT Barton Instruments EFM Training, 16 hours, 1997, Calgary, AB, Canada
IBM Worldwide server strategy conference, 3 hours, 1996, Houston, Tx
IBM Systems mgmt software research program, 16 hours, 1996, Raleigh, NC
IBM Systems management seminar, 3 hours, 1996, Houston, Tx
National Instruments DAQ and VI frameworks, 6 hours, 1996, Houston, Tx
National Instruments MMI program development, 2 hours, 1996, Houston, Tx

Michael L Watson

Wave Inc. Turbo Pascal v7.0 training, 4 hours, 1996, Houston,Tx

Appendix A con't

Seminars Workshops Certifications

Confined space entry training and certification, 8 hours, 1996, Houston,Tx
Open tower climbing techniques, 8 hours, 1993-1996, Houston,Tx (2 hours each year)
Chemical safety training, 28 hours, 1993-1999, Houston,Tx (4 hours each year)
National Instruments Virtual instruments for Win95 applications, 8 hours, 1995,
Houston,Tx
National Instruments VI frameworks, 2 hours, Houston,Tx
CPR training and certification, 4 hours, Houston,Tx (Expires 10-1999) Renewed 10-97
First aid training and certification, 2 hours, 1995, Houston,Tx Renewed 10-97, 10-99,
10-2001, 10-2003, 10-2005
Blood borne pathogens certification, 2 hours, 1995, Houston,Tx Renewed 10-97, 10-99,
10-2001, 10-2003
IBM OS/2 ver 3.0 (Warp) training, 3 hours, 1995, Houston,Tx
Microsoft Win95 training and Beta certified, 8 hours, 1995, Houston,Tx
IEC journeyman review, 54 hours, 1995, 1998, 2001,Houston,Tx
National Instruments instrument control (GPIB) training, 3 hours, 1995, Houston,Tx
National Instruments process monitoring and control (PM&C) seminar, 4 hours, 1995,
Houston,Tx
Ilex 8000 and 9000 training, 24 hours, 1990, 1993, 1995, Houston,Tx (8 hours each
year)
Milltronics workshops, 6 hours in 1991, 3 hours in 1995, Houston,Tx
National Instruments DAQ for SCADA workshop, 8 hours, 1994, Austin, Tx
National Instruments DAQ workshop, 2 hours, 1994, Houston,Tx
FEMA Emergency preparedness training, 12 hours, 1994, Houston,Tx
Self contained breathing apparatus (SCBA) training, 4 hours, 1994, Houston,Tx
Microsoft Windows 3.10 online training, 2 hours, 1994
Microsoft Disk operating systems (DOS) online training, 4 hours, 1994
Toshiba laptop interface seminar, 6 hours, 1994, Houston,Tx
National Instruments PM&C using virtual instruments (VI's) seminar, 6 hours, 1994,
Houston,Tx
National Instruments PM&C workshop, 2 hours, 1994, Houston,Tx
IBM OS/2 ver 2.11 training, 3 hours, 1994, Houston,Tx
Lockout/Tagout training, 2 hours, 1993, Houston,Tx
Panasonic telephony training, 8 hours, 1990, San Francisco, Ca
Napco security products training, 8 hours, 1987, Houston,Tx
Northern Industries security training, 18 hours, 1987, Milwaukee, Wi

Appendix B

Salary History

Salary history upon request

Appendix C

References

References upon request