GUY A. MECABE
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OBJECTIVE

Expand my leadership role within the Industrial Automaton Group to further contribute towards the expansion and maintenance of the Wastewater Division's Electrical, Automation, and IT infrastructure.

SUMMARY OF QUALIFICATIONS

Experienced automation professional with a BS in Information Technology and over 22 years of formal experience troubleshooting and designing systems, software, and networks. Strong background in managing information systems, Industrial SCADA Systems (PLC and HMI), network design and implementation, database development and maintenance, and systems analysis. Excellent working knowledge of AC/DC electrical and instrumentation systems. Highly motivated, exceptionally reliable, and responsible individual with proven leadership experience.

CERTIFICATIONS AND TRAINING

- Microsoft Certified Systems Engineer, Sacramento, CA 2000
- Siemens VFD Certification: Micromaster and Masterdrives – 40hrs, Orlando, FL 2007
- Siemens Automation Programming Course – 40hrs, Orlando, FL 2007
- Siemens VFD Certification: G-Series – 40hrs, Orlando, FL 2012
- Motorola MOSCAD/ACE Hardware/Software Course – 40hrs, Orlando, FL 2012

LEADERSHIP SKILLS

- Currently manage a team of 5 Systems/Network Admins, 2 CSSA's, 1 App Admin, and 1 O&M Writer
- Experienced hosting weekly team meetings for project status, change management, and task delegation
- Seasoned in conducting interviews, hiring, and conducting performance appraisals
- Responsible for the admin, maintenance, and purchasing of hardware/software valued in the millions
- Experienced in the development and implementation of annual budgets
- Ability to manage large projects from start to finish
- Excellent communications skills, ability to inspire, and always lead with compassion

SYSTEMS SKILLS

- Experience developing and coding algorithms for process automation using Ladder Logic and SCL. Strong knowledge of PLC and HMI Development Software
- Extremely proficient software developer with the ability to analyze systems and user needs, develop efficient algorithms, and code object oriented solutions
- Many years experience with Network, Systems, and Database design and administration
- Installation and termination of CAT5/CAT6, Profibus, 232/485, and Fiber network media
- Strong working knowledge of all Industrial Networking protocols and theory
- Extremely proficient with data backup and recovery systems

ELECTRICAL/INSTRUMENTATION SKILLS

- Experienced specifying and configuring smart instrumentation devices such as VFD's, Soft Starters, Actuators, Flow Meters, Level Indicators, Chemical Analyzers, etc.
- Strong understanding of electrical I/O signal installation and management (DI, DO, 4-20mA, Field Bus).
- Ability to review and interpret electrical drawings and electronic schematics
- Strong working knowledge of all Industrial Networking protocols and theory
- Several years experience working directly with Electricians and Instrument Technicians on projects ranging from small 24VDC Control Panels to the complete automation of a 13kV Power Distribution System

EDUCATION

University of Central Florida, Orlando, FL
Bachelor of Science in Information Technology, Dec 2003

WORK EXPERIENCE

City of Orlando 5/2002 – Present Wastewater Systems Manager – Responsible for IT Operations at 4 large City Wastewater Treatment Facilities. Managing a group of 9 IT Professionals, our group maintains 40+ Windows 2008 servers, both physical and virtual, and 200+ workstations. Maintain and program 300+ PLC's using Ladder Logic for Wastewater's SCADA Systems. Lead the design of all automation systems. Deploy and maintain MS SQL Server 2005/2008. Responsibilities also include maintaining large inventory of software/hardware, purchasing hardware/software components, installing and terminating CAT5/CAT6/Fiber infrastructure, and multiple site data backup.

Superwater Solutions 5/2008 – 7/2013 Contract PLC and HMI programming for a $15M R&D Project that uses Supercritical Water Oxidation to dispose of wastewater biowaste.

Bielomatik 2/2012 – 8/2012 Contract PLC programming for plastic welding and boring machines used in the production of automobile fuel tanks.

WOD Management Company, LLC 8/2001 – 5/2002 IT/MIS Director – Corp Director of all IT planning and decisions for an Orlando based retail chain. Solely responsible for 10 servers and 45 workstations over local and wide area networks. Responsibilities include network security for 140+ users, multiple site data backup and recovery, database maintenance, remote management, telecom support, all corp. level reporting and analysis, training, and support to end users.

Convergys Corporation 11/2000 – 8/2001 Systems Support Technician - Support both Dell and Gateway systems. Completely support DOS and Windows 98/ME/NT/2k/XP, Network setup, peripherals, OS/software/driver reinstalls, etc.

BHD Information Systems 5/1999 – 11/2000 Senior Software Technician -Support retail POS and inventory control software on Win NT/95/98/2000 and Novell Netware. Install multi store networks onsite and connect them via TCP/IP for remote data exchange. Database management, 16bit to 32bit data conversions, network design and implementation, etc.

U.S. Army 11/1992 – 11/1995 Radar Specialist – Operated and maintained various radar equiptment under a UNIX platform.