JAMES GODBOUT

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PROJECT MANAGEMENT • PROCESS IMPROVEMENT • ENGINEERING MANAGEMENT

Dynamic professional with progressive experience in directing complex projects, developing strategies and collaborating with high performance teams to further enhance key manufacturing initiatives. Adept at cultivating partnerships and building lasting relationships across all business sectors. Specialized knowledge in batch process controls, manufacturing IT systems, Six Sigma, root cause analysis, process mapping, as well as team leadership to consistently transform business operations, improve processes and increase profitability.

Production Improvement • Process Development • Leadership • Change Management • Coaching & Mentoring • Business Analysis • Consulting Strategic Planning • Compliance Subject Matter Expert • System Specifications • Software Development • Client Communications

INDUSTRY EXPERIENCE

Pharmaceutical Manufacturing • Food & Beverage • Special Chemical • Semi-Conductor

PROFESSIONAL EXPERIENCE

GODBOUT PCS LLC., Clayton, NC • 2019 – Present

Automation systems integrator providing staff augmentation services to food, special chemical, and biotechnology industries in North Carolina.

President, CEO

- Founded Godbout PCS LLC to provide superior integration services to manufacturing facilities utilizing Rockwell and/or Ignition batch automation platforms.

Project and Client History

- Pfizer, Rocky Mount, NC: Provided expert technical support developing Rockwell FactoryTalk Batch process control system for a new formulation suite.
- BYK USA, Wallingford, CT: Performed successful upgrade of the process control system including PLC programming with PlantPAx 4.1 (Studio5000), HMI Proramming (FTView SE), FactoryTalk Batch v14, FactoryTalk Historian, Virtual Systems, and industrial networking.
- Rockwell Automation, Nationwide: Provided technical leadership to develop FactoryTalk Batch process control system used in a formulation suite. Includes PLC programming with PlantPAx 5.0, FactoryTalk View SE, and FactoryTalk Batch.

HALLAM-ICS, Raleigh, NC • 2015 - 2019

Premier automation systems integrator serving food, special chemical, and biotechnology industries in the eastern United States.

Director of Process Control Systems

- Created and lead a team of successful automation integrators to serve the manufacturing clients in the south Atlantic region of the United States. Generate proposals, schedules, cost estimates for clients who wish to install plant-wide process controls systems in greenfield, retrofit, or upgrade manufacturing facilities. Develop and drive automation plans for projects awarded to Hallam-ICS. Nurture and manage client relationships.

Selected Achievements
- Led a team in the upgrade of an ultra-pure water (UPW) systems at Micron Technologies in Manassas, VA.
  - Developed and managed project schedules.
  - Provided project status to other contractors and project stake holders.
  - Communicated project goals and process to the client's management team.

- Mentor automation integrators to be self-sufficient and well-rounded controls specialists.

- Designed a robust industrial network infrastructure for manufacturing applications which can be used to collect data from the manufacturing floor to corporate business intelligence systems.

- Designed automated OEE data analysis for Amazon sort facilities using Ignition SCADA, increasing package throughput through the sorting system.

- Designed and constructed a business intelligence system for Smithfield Foods bacon packaging plant using Ignition SCADA and various database platforms. The business intelligence system resulted in an effiecency increase of 1% or $1M of throughput.

HALLAM-ICS, Mansfield, MA • 2013 – 2015
Senior Process Controls Engineer
Successfully designed, developed, and installed complete automated batch controls systems specializing in Rockwell PlantPAx controls architecture. Generated project budgets and schedules while managing direct reports to close out projects on time and within budget.

Selected Achievements:
- Developed engineering teams and standards to implement process batch control systems in the Massachusetts regional office. Trained junior engineers with little to no experience who are now the primary support staff for large batch controlled automation systems. Established mentor/mentee relationships between experienced and junior engineers in an effort to bring the best out of each team member.

- Successfully designed and implemented a batch control system for a special chemical processing facility. Increasing production over 300% as compared to the original facility. The control system is capable of manufacturing over 150 different chemical products with a higher degree of quality than the previous manufacturing processes.

- Effectively developed and presented educational seminars on S88 batch control standards and implementing batch control utilizing Rockwell PlantPax architecture.

ALEXION PHARMACEUTICALS, Smithfield, RI • 2010 – 2013
Leading developer and manufacturer of a drug substance to treat severe life threatening ultra-rare diseases, operating 24 hours a day, 7 days a week.

Process Controls Engineer III
Strategically designed, developed, and maintained the automation system controlling the production line. Managed outside contractors to drive project completion on time and within budget. Primary architect in designing the PLC software, IT infrastructure, and electrical control panels. Seamlessly developed cost estimates and project schedules, drafted requirement specifications, investigated and resolved system deviations, and provided technical expertise for contamination investigations.

Selected Achievements:
- Successfully designed and implemented a batch control system, allowing for accurate batch reporting; resulted in a significant reduction in the number of operator deviations.

- Developed a custom .Net program to interface with the SQL alarm historian database and FactoryTalk Data Historian (OSI PI) and transmit email and/or text message notifications when manufacturing

alarms were triggered, enabling issues to be corrected before serious problems affected the manufacturing process.

- Effectively installed the automated control system during plant start-up and commissioning. Contributed to bringing the manufacturing facility online enabling the company to manufacture a product with revenues of $1 billion+ per year.

SUPERIOR CONTROLS, Seabrook, NH ● 2008 – 2010
The leading controls and automation systems integrator in New England providing project based services to design and implement automation control systems.

Project Engineer
Acted as primary customer point of contact in delivering customer solutions. Designed automation software utilizing Allen Bradley and GE PLCs. Developed operator interfaces with Rockwell FactoryTalk View Studio and GE iFix software. Developed and implemented database solutions.

Selected Achievements:
- Successfully developed the clean-in-place and waste water treatment software for Ocean Spray's sweet and dried cranberry production line. Instrumental in the start-up and commissioning of 2 manufacturing lines enabling Ocean Spray to triple their sweet and dried cranberry production.

- Substantially saved Harvard University $350K+ in monthly energy costs by developing an energy monitoring system utilizing GE PLCs and a OSI PI database giving Harvard the means to monitor when and how much energy was being consumed.

AZTEC TECHNOLOGIES, Foxboro, MA ● 2007 – 2008
Systems integrator focused primarily on providing automation solutions to the pharmaceutical industry.

Senior Automation Engineer
Collaborated with Alexion Pharmaceuticals in providing contract support during start-up, commissioning, and validation phases of their new facility in Smithfield, RI. Managed contractor support, PLC, HMI, and data collection systems.

ADDITIONAL EXPERIENCE:

UNITED STATES AIR FORCE, Great Falls, MT ● Electrical Mechanical Technician

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EDUCATION
Bachelor of Science, Electrical Engineering, University of New Hampshire

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CERTIFICATIONS
Six Sigma Green Belt Certificate, Worcester Polytechnic Institute
Ignition 7.8/7.9, Inductive Automation

TECHNICAL SKILLS
Rockwell RS Logix 5000 (Studio 5000); FactoryTalk View Studio; FactoryTalk Batch; FactoryTalk Historian; Inductive Automation Ignition SCADA; Microsoft SQL Database; Visual C# .NET; Visual Basic; Control Logix PACs; OSI PI; ControlNet; DeviceNet; I/O over Ethernet; Industrial Networking