



SANI+MATIC

Sani-Matic Job Description

Title: Automation Controls Engineer
Reports to: Sr. Product Manager

Dept: Product Development (Engr)
Status: Exempt

Position Summary:

The Automation Controls Engineer's primary responsibility is to lead the development and execution of Sani-Matic's long-term controls product strategy—and maintain an inherent drive to deliver innovative product solutions. This requires working closely with sales, marketing, product management, product development, and controls engineering to identify customer needs. A qualified candidate must possess the vision to pursue multi-year product strategies, the technical experience to serve customers in the food, beverage, personal care, nutraceutical and bio-pharm industries, and the ability to function as a high performer in a collaborative environment.

Essential Functions:

- Bring passion & energy to everyday work activities.
- Expand the automation and controls knowledge base in support of new product development.
- Develop a long-term controls vision for product offerings estimated to launch in 3-5 years.
- Lead and execute projects ranging in duration from 3 to 12 months, in support of the long-term vision.
- Collect and interpret automation and controls project needs from a variety of sources.
- Provide support on Product Development projects that include significant controls deliverables.
- Specify, develop, procure, install, and test controls systems for new product development activities.
- Stay abreast of cutting-edge technologies and trends and communicate those trends to key team members.
- Support marketing efforts to develop and update product literature.
- Create installation, operation & maintenance (IOM) manuals and other supporting documentation for product launches.
- Create templates and the infrastructure to handoff product development projects to the production engineering team.
- Operate computer-aided engineering or design software to perform engineering tasks.
- Complete all other duties as assigned by Sr. Product Manager.

Knowledge / Skills / Expertise:

- Associate degree in Engineering or equivalent is required; similar bachelor's degree is desired.
- 5-10 years in a similar position is desired.



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- Demonstrated knowledge of database management systems, preferably SQL and Time Series (Historian) databases, and developing access to disparate data systems.
- Experience designing, building, and testing PLC software and hardware systems for automated equipment controls (Rockwell Automation experience highly preferred).
- Experience in developing and implementing high performance HMIs.
- Industrial Internet of Things (IIoT) familiarity and curiosity for developing products that operate with/or are a part of IIoT.
- VPN and Data Gateway technology knowledge (e.g., Raspberry Pi, eWON).
- Plant network design and connectivity (e.g., Wi-Fi, Ethernet, Cellular Modem) experience.
- Familiarity with 21 CFR Part 11: Food & Drug Administration regulations on electronic records and signatures.
- Familiarity with sanitary applications in the food/beverage industry and/or bio-pharm industry including the following:
 - Familiarity with sanitary components and fluid engineering fundamentals.
 - Familiarity with process controls, UL requirements and PLC operation.
 - Familiarity with P&ID and CAD drawings.
 - Experience with written proposal development.
- Efficient and hardworking self-starter with integrity.
 - Upbeat individual with sense of urgency, responsiveness and persistence.
 - Enjoys solving technical problems and maintains a “customer-centric” service attitude.
 - An excellent listener able to pose pertinent questions and provide creative solutions.
 - Able to diagnose a customers’ “need” vs. “want”.
 - Able to effectively prioritize multiple tasks and activities to optimize productivity.
 - Quick learner able to understand production process.
 - Highly organized and able to manage multiple tasks under pressure.
 - Able to prioritize without supervision.

Environmental Conditions:

- Occasional travel to tradeshow, off-site training, and/or customer visits is required: 5-10%. Must maintain a valid driver’s license in good standing.
- Exposure to certain contaminants in the manufacturing areas, at times.
- Exposure to loud noise levels in the manufacturing areas, at times.

Physical Demands:

- This position requires occasional use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping and handling materials, as required to conduct testing.
- Climbing on ladders may be required at times in association with testing.
- The use of safety equipment such as safety glasses, steel toed shoes, gloves, helmets and hearing protection is utilized daily in the plant.
- While performing the duties of the job, the employee must be able to use a keyboard, calculator and telephone.
- Required to stand or walk, sit, talk, hear, and use hands to finger, grasp, handle, or feel.



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- Must be able to lift and maneuver 50 lbs. without physical restrictions.

What Sani-Matic Offers and Expectations of Employees:

A culture that embraces five Core Values:

- Do what is right.
- Put customers first.
- Commit to continuous improvement.
- Focus on safety.
- Deliver consistent quality.

Note: This job description is reviewed periodically and may be subject to change.

Cleaning Confidence

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