NOVARTIS

Automation Engineer

Job ID
REQ-10015078
Sep 03, 2024
USA

Summary

Responsible for developing a comprehensive digital manufacturing strategy by incorporating elements of Industry 4.0, IIoT, artificial intelligence (AI), robotics, and cloud technologies. Automation Lead responsible for overseeing and managing the current automation systems in use across the facility (building/process/laboratory). Ensures the site's compliance with internal GMP's, CSV and external regulatory requirements.

About the Role

365 days a year, we aspire to be the best manufacturer of Cell & Gene therapies to ensure our patients have the treatments they need to live longer, healthier lives.

This role is located on-site in Morris Plains, NJ. Novartis is unable to offer relocation support for this role.

Major accountabilities:

- Develop strategies for data acquisition, systems integration and smart manufacturing solutions (Industry 4.0 and Industrial IoT) to enable next-generation cell therapy operations.
- Identify areas where the implementation of robotic solutions can enhance efficiency by automating manual processes.
- Manage all aspects of the systems lifecycle and maintain the GxP validated state for all existing automation systems at the site.
- Manage, plan, develop, and execute automation projects from start-up to completion.
- Collaborate with multiple departments to design, test and maintain the functionality of automation systems.
- Provide and/or coordinate vendor training to new users of automation systems.
- Ensure compliance with Novartis Information Security Risk Management policies.
- Provide technical support to operations and support personnel.
- Continually update technical knowledge and skills to reflect advancements in industry technology and processes.

The pay range for this position at commencement of employment is expected to be between $97,600 to $146,400 a year; however, while salary ranges are effective from 1/1/24 through 12/31/24, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation,

sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an “at-will position” and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

Minimum Requirements:

- Bachelor’s Degree in Engineering or related field is required
- 3+ years of relevant experience is required
- Extended interdisciplinary technical knowledge is required
- Experienced in a cGMP-regulated environment is required (pharmaceutical preferable)
- Experience with automation systems (OSI PI, Continuum, Siemens, DeltaV, PLCs, etc.) is required
- Knowledge of IT infrastructure/networks related to automation systems
- Strong oral and written communication skills
- Ability to work independently with minimal direction
- Self-directed and able to manage competing priorities
- Must be able to work well with others in a team environment
- Strong computer skills
- Ability to focus on a variety of issues and drive to results
- Ability to interact with a variety of organizational levels and foster cross-functional and cross-cultural teamwork
- Working knowledge of Automation data technologies, standards, and protocols (e.g. OPC UA, MQTT, Modbus, UNS, ISA95, etc.).
- Familiarity with industry standards 21 CFR Part 11, Validation, and GAMP.
- Must be able to work in controlled environments requiring special gowning.
- Good working GMP knowledge of pharmaceutical manufacturing facilities and major utilities.

Benefits and rewards: Read our handbook to learn about all the ways we’ll help you thrive personally and professionally: https://www.novartis.com/careers/benefits-rewards

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EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers who are focused on building and advancing a culture of inclusion that values and celebrates individual differences, uniqueness, backgrounds and perspectives. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to fostering a diverse and inclusive workplace that reflects the world around us and connects us to the patients, customers and communities we serve.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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Innovative Medicines
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Technical Operations
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Full time
Employment Type
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Shift Work
No
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