NOVARTIS

# Senior Solution & Forward Deployed Engineer

Job ID
REQ-10092227

十一月 27, 2026

Slovenia

## 摘要

#LI-Hybrid
Location: Barcelona, Spain or Ljubljana, Slovenia

Are you passionate about applying emerging technologies to solve real-world manufacturing challenges?

As a Senior Solution & Forward Deployed Engineer, you will help identify, design, deploy and scale next-generation digital solutions across Manufacturing Operations, enabling the adoption of Physical AI, Computer Vision, Digital Twins, Agentic AI, Robotics and advanced automation technologies.

Working directly with manufacturing sites as a senior technical expert, you will translate operational challenges into scalable, reusable and enterprise-ready solutions. You will help develop deployment blueprints, reusable technology patterns and platform capabilities that accelerate adoption across sites and manufacturing networks.

This role brings together business processes, manufacturing operations, data, AI and engineering to enable industrial digital transformation while delivering scalable, compliant solutions and measurable

business value.

You will work in accordance with applicable legislation, internal rules, good practices and business objectives.

### About the Role

## Key Responsibilities

- Support the design and deployment of Physical AI, Computer Vision, Digital Twin, Agentic AI, Robotics and Automation solutions across Manufacturing Operations.
- Partner directly with manufacturing sites to identify and shape high-value use cases that improve productivity, quality, compliance and operational performance.
- Support the development of Digital Twin models and simulation capabilities to optimise manufacturing operations, and shape Digital Twin, Computer Vision and Physical AI use cases across manufacturing platforms.
- Translate site-specific operational challenges into scalable and reusable technology solutions, enterprise models, frameworks and deployment blueprints.
- Drive rapid prototyping, MVP development, industrialisation and adoption of advanced technologies.
- Establish standards, reusable technology patterns and best practices for Computer Vision, Digital Twin, AI and Robotics solutions, supporting adoption across sites and manufacturing platforms.
- Support strategic "Big Bet" initiatives and advanced technology roadmaps, evaluating emerging technologies and defining their potential application within manufacturing operations.
- Take responsibility for ongoing personal and professional development and actively share knowledge, experience and best practices in line with business needs.
- Work in accordance with all applicable workplace safety, environmental protection and property protection requirements.
- Deliver against objectives and KPIs established through the annual objective-setting process and undertake other responsibilities assigned by the supervisor or arising from specific appointments.

## Desirable Skills

- Strong hands-on experience delivering AI-enabled and digital solutions from prototype through production deployment and support.
- Practical experience with Generative AI, machine learning, AI agents and modern AI technologies applied to real operational challenges.
- Strong software engineering and programming skills, with experience building and troubleshooting production solutions.
- Ability to operate as a Forward Deployed Engineer, partnering directly with business and site teams to rapidly understand problems, prototype, test and implement solutions.
- Experience integrating AI, applications, APIs, data platforms, cloud services and manufacturing or operational technologies.
- Strong understanding of IT/OT environments, system integration, automation and digital

manufacturing.
- Ability to build AI-powered automation, intelligent workflows and decision-support solutions that deliver measurable value.
- Experience turning prototypes into scalable, secure, reliable and supportable production solutions.
- Understanding of cybersecurity, responsible AI, data privacy, compliance, validation and data integrity in regulated environments.
- Strong problem-solving, stakeholder collaboration and communication skills. Experience within pharmaceutical or other regulated manufacturing environments would be an advantage.

## Rewards

At Novartis, we are committed to reimagining medicine together and rewarding the people who make it happen.

46,550.00 - 86,450.00 EUR Annual compensation per annum.

The final salary offered will be determined based on relevant skills, competencies and experience, in accordance with applicable Novartis pay-setting practices.

In addition to base salary, the Spain benefits package may include:

- Company Pension Plan
- Life and Accidental Insurance
- Meals Allowance or office canteen
- Flexible working hours

Benefits and compensation are subject to applicable local legal requirements and any applicable collective bargaining arrangements. Further details of the full compensation and benefits package applicable to the role and employing entity will be shared during the recruitment process.

Read our Benefits and Rewards brochure to learn more about our global total rewards offering.

## Commitment to Diversity and Inclusion

Novartis is committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

**Why Novartis:** Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients ' lives. Ready to create a brighter future together? https://www.novartis.com/about/strategy/people-and-culture

**Benefits and Rewards:** Learn about all the ways we ' ll help you thrive personally and professionally.
Read our handbook (PDF 30 MB)

Primary location salary range
€ 46,550.00 - € 86,450.00

部门
Operations

Business Unit
Information Technology

地点
Slovenia

站点
Ljubljana

Company / Legal Entity
SI19 (FCRS = SI019) Novartis farmacevtska proizvodnja d.o.o.

Functional Area
Data and Digital

Job Type
Full time

Employment Type
Regular

Shift Work
No

var kPlayer = KalturaPlayer55802022 || KalturaPlayer; var config = { targetId: "kalturaplayer6b09a435c34ad730844028", provider: { widgetId: "10m7rm1pm", partnerId: "2076321", uiConfId: "55802022" }, playback: { autoplay: false, autopause: false, muted: false, loop: false }, sources: { options: {}, startTime: 0 }, disableUserCache: "true", plugins: {}, sources: { options: {}, startTime: 0 }, ui: { showCCButton: false, settings: { showQualityMenu: true, showSpeedMenu: false }, components: { fullscreen: { disableDoubleClick: false } }, uiComponents: [ { presets: ['Playback', 'Live'], area: 'BottomBarRightControls', replaceComponent: 'Fullscreen', get: kPlayer.ui.components.Remove } ] } }; // Check and add plugins only if they exist if (kPlayer.plugins["download"]) { config.plugins.download = { disable: true }; } if (kPlayer.plugins["transcript"]) { config.plugins["playkit-js-transcript"] = { position: "right", // Default: bottom;('left', 'right', 'top', 'bottom') to enable transcript. expandMode: "over", // Default: alongside;('alongside', 'hidden', 'over') expandOnFirstPlay: false, showTime: true, downloadDisabled: false, printDisabled: false, disable: true }; } if (kPlayer.plugins["preventSeek"]) { config.plugins.preventSeek = { preventSeekForward: false, preventSeek: false }; } config.plugins.floating = { disable: true }; if (kPlayer.plugins["navigation"]) { config.plugins.navigation = { position: "right", expandMode: "over", expandOnFirstPlay: false, visible: false }; } if (kPlayer.plugins["hotspots"]) { config.plugins['playkit-js-hotspots'] = { disable: true }; } if (kPlayer.plugins["moderation"]) { config.plugins['playkit-js-moderation'] = { disable: true }; } if (kPlayer.plugins["info"]) { config.plugins['playkit-js-info'] = { disable: true }; } if (kPlayer.plugins["share"]) { config.plugins.share = { disable: true }; } config.ui.uiComponents = []; if (kPlayer.plugins["googleAnalytics"]) { config.plugins.googleTagManager = {}; config.plugins.googleTagManager.customEventsTracking = {}; config.plugins.googleTagManager.containerId = 'GTM-57RJQ5'; config.plugins.googleTagManager.customEventsTracking.custom = []; config.plugins.googleTagManager.customEventsTracking = { preset: { coreEvents: true, UIEvents: false, playlistEvents: false, castEvents: false } }; }

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## Accessibility and accommodation

Novartis is 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 recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversity.inclusionslo@novartis.com 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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