NOVARTIS

Vi š ji specialist za robotiko (m/ ž /d) / Senior Robotics Specialist (m/f/d)

Job ID
REQ-10087045

九月 23, 2026

Slovenia

摘要

#LI-Hybrid
Lokacija / Location: Ljubljana

Interni naziv pozicije / Internal job title: DDIT OPS strokovnjak za robotiko / DDIT OPS Robotics Expert ITOT

Ta vloga je odgovorna za oblikovanje in izvajanje strategije, portfelja ter razvojnega na č rta robotike na lokaciji. Vklju č uje vodenje ocenjevanja, uvajanja in š irjenja robotskih re š itev v proizvodnji, laboratorijih, skladi š č ih in podpornih funkcijah. Nosilec vloge hkrati vodi ve č pobud, usklajuje prioritete lokacije z globalnimi cilji in standardi na podro č ju robotike ter prek tesnega medfunkcijskega sodelovanja vpliva na tehnolo š ke, investicijske in implementacijske odlo č itve. Č eprav vloga ne vklju č uje neposrednega vodenja sodelavcev, zahteva usklajevanje internih strokovnjakov in zunanjih partnerjev za zagotavljanje standardiziranih, skladnih, raz š irljivih in trajnostnih robotskih re š itev, ki prina š ajo merljivo poslovno vrednost.

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This role is responsible for defining and driving the site robotics strategy, portfolio, and roadmap, leading the evaluation, deployment, and scaling of robotics solutions across manufacturing, laboratories, warehouses, and support operations. The position manages multiple initiatives simultaneously, aligns site priorities with enterprise robotics goals and standards, and influences technology, investment, and deployment decisions through cross-functional collaboration. Working without direct reports, the role coordinates internal experts and external partners to deliver standardized, compliant, scalable, and sustainable robotics solutions that generate measurable business value.

This role is based in Ljubljana, Slovenia. Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

About the Role

Va š **e klju** č **ne odgovornosti**

- Upravljanje strategije in razvojnega na č rta robotike. Oblikovanje, vodenje in vzdr ž evanje prioritetnega razvojnega na č rta robotike na lokaciji, usklajenega s poslovnimi potrebami, globalnimi standardi, tehnolo š ko zrelostjo in razvojem trga.
- Vzpostavljanje nabora primerov uporabe. Prepoznavanje, ocenjevanje in prioritetno razvr š č anje prilo ž nosti za uporabo robotike v proizvodnji, laboratorijih, skladi š č ih in podpornih funkcijah.
- Vodenje implementacije in š irjenja re š itev. Usmerjanje robotskih pobud od koncepta, š tudije izvedljivosti in pilotnega projekta do validirane implementacije, predaje v uporabo, podpore skozi ž ivljenjski cikel ter ponovne uporabe na drugih lokacijah. Koordinacija dele ž nikov iz proizvodnje, in ž eniringa, kakovosti, operativne odli č nosti, nabave, digitalnih funkcij ter zunanjih dobaviteljev in sistemskih integratorjev.
- Opredeljevanje zahtev in standardov. Priprava in usklajevanje uporabni š kih specifikacij zahtev (URS), referen č nih arhitektur, tehni č nih standardov, okvirov za implementacijo in kataloga robotskih re š itev.
- Ocenjevanje tehnologij in dobaviteljev. Presoja robotskih re š itev, AMR/AGV sistemov, kolaborativnih robotov (cobotov), strojnega vida, avtomatizirane in š pekcije, avtonomnih sistemov in fizi č ne umetne inteligence z vidika tehni č ne ustreznosti, skladnosti, raz š irljivosti, vzdr ž evanja, stro š kov in poslovne vrednosti.
- Vloga strokovnjaka za robotiko. Svetovanje ekipam IT/OT in vodstvu lokacije glede arhitekture re š itev, integracije sistemov, izbire tehnologij, tveganj implementacije in investicijskih prioritet.
- Zagotavljanje skladnosti in upravljanja. Usklajevanje re š itev z zahtevami GxP, validacije, integritete podatkov, kakovosti, varnosti, OT kibernetske varnosti ter drugimi veljavnimi regulatornimi zahtevami.
- Priprava poslovnih primerov in spremljanje ustvarjene vrednosti. Kvantificiranje koristi, podpora investicijskim odlo č itvam, upravljanje projektnega portfelja in prora č una ter poro č anje o izvedbi, sprejetosti re š itev, tveganjih in dose ž eni vrednosti. Spodbujanje uporabe odobrenih platform, ponovno uporabnih re š itev, prenosa nau č enih lekcij ter enotnih na č inov dela med lokacijami.

Va š **doprinos k delovnem mestu:**

- Univerzitetna stopnja izobrazbe s podro č ja informacijske tehnologije, tehni č nih ved (robotika, mehatronika, avtomatizacija) ali druge ustrezne smeri.
- Najmanj 5 let izku š enj v mednarodnem okolju na IT podro č ju, podro č ju industrijske robotike, avtomatizacije, proizvodnega in ž eniringa, naprednih proizvodnih tehnologij ali IT/OT okolij.
- Dokazane izku š nje z uvajanjem robotskih ali naprednih avtomatizacijskih re š itev od zasnove do implementacije v proizvodnem okolju.
- Izku š nje z opredeljevanjem uporabni š kih zahtev (URS), tehni č nih standardov, arhitekturnih re š itev in meril za ocenjevanje dobaviteljev. Dobro poznavanje robotske strojne opreme, industrijskih krmilnih sistemov, sistemske integracije, strojnega vida, avtonomnih sistemov in avtomatizacijskih arhitektur.
- Izku š nje v reguliranem proizvodnem okolju, vklju č no z zahtevami GxP, validacije, integritete podatkov, kakovosti, varnosti in kibernetske varnosti operativnih tehnologij (OT). Dokazana sposobnost vodenja medfunkcijskih dele ž nikov, dobaviteljev in sistemskih integratorjev v globalnem okolju.
- Izku š nje pri pripravi poslovnih utemeljitev ter upravljanju projektnih portfeljev, prora č unov, tveganj in koristi.
- Prakti č ne izku š nje z avtonomnimi mobilnimi roboti (AMR), avtomatsko vodenimi vozili (AGV), kolaborativnimi roboti (coboti), robotskim rokovanjem z materiali, strojnim vidom, avtomatiziranimi sistemi za kontrolo kakovosti, laboratorijsko avtomatizacijo ali robotiko, podprto z umetno inteligenco.
- Izku š nje z uvajanjem in š iritvijo standardiziranih re š itev na ve č lokacijah ali platformah ter aktivno poslovno znanje angle š kega jezika.

Za ž **elene izku** š **nje**

- Izku š nje iz farmacevtske, biotehnolo š ke industrije, celi č nih in genskih terapij ali drugih podro č ij life sciences predstavljajo prednost
- Poznavanje konceptov Industrije 4.0, pametne proizvodnje, digitalne proizvodnje in avtonomne proizvodnje.

Z izbranim kandidatom bomo sklenili delovno razmerje za **nedolo** č **en** č **as** s poskusno dobo **6 mesecev**. Prijavo oddajte z ž ivljenjepisom v slovenskem in angle š kem jeziku.

Nagrajevanje:

V Novartisu smo zavezani k soustvarjanju prihodnosti medicine ter priznavanju in nagrajevanju ljudi, ki to omogo č ajo.

Pri č akovani letni osnovni razpon pla č e za delovno mesto:

- Slovenija: 32.060 - 59.540 €

Osnovna pla č a se dolo č a na podlagi vnaprej opredeljenih in transparentnih kriterijev, kot so relevantne ve š č ine, kompetence in izku š nje, ne glede na spol, ter v skladu z Novartisovo politiko dolo č anja pla č . Po zaposlitvi v Novartisu se pla č a periodi č no pregleda v skladu z internimi akti in postopki.

Pla č na enakost je temeljno na č elo na š e kadrovske politike in odra ž a na š o zavezo k ustvarjanju raznolikega, pravi č nega in vklju č ujo č ega okolja, ki vse zaposlene obravnava dostojanstveno in spo š tljivo, kot je opredeljeno v na š em Kodeksu etike.

Poleg osnovne letne bruto pla č e so zaposleni upravi č eni tudi do spodaj navedenih ugodnosti:

- **Letni bonus,** ki pripada vsakemu zaposlenemu: 12% letne pla č e.
- **Regres za dopust**: Leta 2025 je zna š al 2.496 € (neto). Za leto 2026 zna š a 2.678,28 € (neto).
- **Nagrada za poslovno uspe** š **nost** Leta 2025 je zna š ala 2.538,64 € (bruto), skupaj z zimskim regresom.
- **Prostovoljno dodatno pokojninsko zavarovanje**: Novartis v Sloveniji zagotavlja prostovoljno dodatno pokojninsko zavarovanje (5,844 % bruto izpla č ila, letno omejeno na 3.224,18 €).
- **Zavarovanje:**
- undefined
- undefined
- **Care Connect:** Program, ki ponuja zaupno, osebno podporo za va š e du š evno zdravje in dobro po č utje s pomo č jo terapij, svetovanj, orodij in š e mnogo ve č .
- Ostale ugodnosti v skladu z zakonom in kolektivno pogodbo: **Prevoz, prehrana ter ostali dodatki.**

Preberite bro š uro in izvedite ve č o na š em sistemu nagrajevanja: https://www.novartis.com/sites/novartiscom/files/novartis-life-handbook.pdf

Opomba: Ugodnosti se lahko razlikujejo glede na dr ž avo ter so skladni z lokalno zakonodajo, vklju č no z dolo č ili kolektivnih pogodb. Celovit pregled va š ega paketa prejemkov, vklju č no z morebitnimi relevantnimi dolo č bami kolektivne pogodbe, ki veljajo za va š o delovno mesto glede na

lokacijo zaposlitve in delodajalca Novartis, vam bo posredovan v okviru nadaljnjih korakov zaposlitvenega postopka.

Predani smo raznolikosti in vklju č enosti: Novartis si prizadeva ustvariti izjemno, vklju č ujo č e delovno okolje in oblikovanje raznolikih timov, saj ti predstavljajo na š e bolnike in skupnosti, ki jih oskrbujemo.

Zakaj Novartis: Pomagati bolnikom in njihovim dru ž inam zahteva ve č kot le inovativno znanost. Potrebna je skupnost zavzetih ljudi, kot ste vi. V Novartisu cenimo sodelovanje, podporo in navdihovanje drug drugega za razvoj prebojnih terapij, ki spreminjajo ž ivljenja pacientov. Ste pripravljeni ustvariti svetlej š o prihodnost skupaj z nami? https://www.novartis.com/about/strategy/people-and-culture

Key Responsibilities:

- **Own the robotics strategy and roadmap**. Maintain a prioritized site roadmap aligned with business needs, enterprise standards, technology maturity, and market developments.
- **Build the use-case pipeline**. Identify, assess, and prioritize robotics opportunities across manufacturing, laboratories, warehouses, and support functions.
- **Lead delivery and scaling.** Drive robotics initiatives from concept, feasibility study, and pilot through validated deployment, operational handover, lifecycle support, and reuse across sites. Coordinate Manufacturing, Engineering, Quality, Operational Excellence, Procurement, Digital, vendors, and system integrators
- **Define requirements and standards**. Own and harmonize User Requirement Specifications, reference architectures, technical standards, deployment frameworks, and the robotics catalog.
- **Evaluate technology and vendors.** Assess robotics, AMR/AGV, cobots, machine vision, automated inspection, autonomous systems, and physical AI for technical fit, compliance, scalability, maintainability, cost, and business value.
- **Act as robotics subject matter expert.** Advise ITOT and site leadership on solution architecture, integration, technology selection, implementation risks, and investment priorities.
- **Ensure compliance and governance.** Align solutions with GxP, validation, data integrity, quality, safety, OT cybersecurity, and applicable regulatory requirements.
- **Build business cases and track value**. Quantify benefits, support investment decisions, manage the project portfolio and budget, and report delivery, adoption, risks, and realized value. Promote approved platforms, reusable solutions, lessons learned, and consistent ways of working across locations.

Essential Requirements:

- University education in IT, Technical Sciences (robotics, mechatronics, automation, engineering) or other related field.
- At least 5 years of experience in industrial robotics, automation, manufacturing engineering, advanced manufacturing technology, or IT/OT.
- Proven delivery of robotics or advanced automation solutions from concept through production deployment.
- Experience defining URSs, technical standards, solution architectures, and vendor evaluation criteria. Strong knowledge of robotics hardware, industrial controls, system integration, machine vision, autonomous systems, and automation architectures.
- Experience in regulated manufacturing, including GxP, validation, data integrity, quality, safety, and OT cybersecurity requirements. Demonstrated ability to lead cross-functional stakeholders, vendors, and system integrators in a global environment.
- Experience developing business cases and managing project portfolios, budgets, risks, and benefits.
- Hands-on experience with AMRs, AGVs, cobots, robotic material handling, machine vision, automated inspection, laboratory automation, or AI-enabled robotics.
- Experience scaling standardized solutions across multiple sites or platforms, Business fluency in English.

Desirable Requirements:

- Pharmaceutical, biotechnology, cell and gene therapy, or other life sciences manufacturing experience.
- Familiarity with Industry 4.0, smart manufacturing, digital manufacturing, and autonomous manufacturing concepts.

We offer **permanent employment** with **6 months** of probation period. Submit your application with the CV in Slovenian and English language.

Rewards:

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

Expected Annual Base Salary Range for role:

- Slovenia: € 32.060 - 59.540

The salary offered is determined based on gender-neutral objectives, such as relevant skills, competencies and experience in accordance with the Novartis pay setting policy and upon joining Novartis will be reviewed periodically.

Pay equity is a fundamental principle of our employment policy and reflects our commitment to create a diverse, equitable and inclusive environment that treats all employees with dignity and respect, as outlined in our Code of Ethics.

In addition to your base salary, you will be eligible for benefits listed below:

- **Annual bonus for all employees:** 12% of annual base salary.
- **Holiday allowance:** In 2025 it amounted to € 2,496 (net). For 2026 it amounts to € 2,678.28 (net).
- **Yearly performance-based bonus:** In 2025 it amounted to € 2,538.64 (gross), including the winter allowance.
- **Voluntary supplementary pension insurance:** Novartis in Slovenia provides voluntary supplementary pension insurance (5.844% of gross salary, capped annually at € 3.224,18).
- **Insurance: Additional accident insurance:** During employment at Novartis, the employee is insured 24/7 in the event of death or disability resulting from an accident. **Specialist insurance:** Group health insurance providing faster access to specialist healthcare services at Triglav Health Insurance Company d.d. for you and your family members.
- **Care Connect:** A program offering confidential, personalized support for mental health and well-being through therapy, counselling, tools, and more.
- Other benefits in accordance with legislation and collective agreements: **Transportation, meal allowance, and other supplements.**

Read our brochure to learn more about our global total rewards offering: https://www.novartis.com/sites/novartiscom/files/novartis-life-handbook.pdf

Note: Benefits and compensation may vary by country and are subject to local legal requirements, including provisions of collective bargaining agreements where applicable. A full overview of your compensation package, including any relevant collective bargaining agreement details applicable to your role based on your employment location and Novartis employer entity, will be communicated separately to you during the application process.

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

€ 32,060.00 - € 59,540.00

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
Technical Operations

Job Type
Full time

Employment Type
Regular

Shift Work
No

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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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