NOVARTIS

Director, Agentic Lab

Job ID
REQ-10086326
Ноя. 06, 2026
США

Сводка

#LI-Hybrid

Reporting to the Executive Director, Agentic Architecture & Lab, the Director, Agentic Lab leads the design, prototyping, and validation of next-generation AI agents and autonomous workflows. The role evaluates emerging AI technologies, develops reusable reference implementations, and partners with engineering teams to transition successful innovations into enterprise-scale capabilities.

This position will be located at East Hanover site and will not have the ability to be located remotely. This position will require up to 20% travel as defined by the business (domestic and/ or international).

Please note that this role would not provide relocation, and only local candidates will be considered.

About the Role

Major Accountabilities

- Lead rapid prototyping and technical validation of agentic AI solutions and autonomous workflows.
- Evaluate foundation models, agent frameworks, orchestration technologies, and developer tooling.
- Develop reusable proof-of-concepts, accelerators, and reference implementations for the Agentic Factory.
- Partner with AI Engineering, Platform Engineering, Product, and Architecture teams to productionize successful prototypes.
- Define best practices for prompt engineering, reasoning strategies, memory architectures, evaluation, and observability.
- Contribute to enterprise standards, documentation, and reusable engineering patterns for AI agents.
- Mentor AI engineers and cultivate a culture of experimentation, innovation, and continuous learning.

Essential Requirements:

- **Education:** Bachelor's or advanced degree in Computer Science, Artificial Intelligence, Engineering, or a related technical discipline.
- 7+ years of experience building AI, machine learning, or software engineering solutions, including technical leadership experience.
- Hands-on expertise with LLMs, agent frameworks, RAG, vector databases, APIs, Python, and cloud-native development.
- Strong software engineering background with experience building production-grade AI applications.
- Excellent communication and collaboration skills with the ability to work across research, engineering, and business teams.

Desirable Requirements:

- Experience in pharmaceutical, healthcare, or other regulated industries.
- Experience building enterprise agentic AI platforms and developer ecosystems.

Novartis Compensation Summary:

The salary for this position is expected to range between $194,600 and $361,400 per year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

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)

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. 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.

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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Место
США
Состояние
New Jersey
Сайт
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U014 (FCRS = US014) Novartis Pharmaceuticals Corporation
Functional Area
Data and Digital
Job Type
Full time
Employment Type
Regular
Shift Work
No

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