NOVARTIS

Director, Agentic Lab

Job ID
REQ-10086326
Nov 06, 2026
LOC_US

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.

Role Requirements

Division
DIV_IU
Business Unit
General Management
Location
LOC_US
Site
East Hanover
Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation
Functional Area
FCT_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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