

Intern - AI

Job ID
REQ-10054151

6月 03, 2025

Malaysia

摘要

Are you passionate about making a difference in the world of healthcare? Do you want to be part of a team that is dedicated to improving and extending people's lives? Novartis is looking for enthusiastic and driven interns to join our dynamic team!

About Us: Novartis is a global healthcare company that reimagines medicine to improve and extend people's lives. We use innovative science and technology to address some of society's most challenging healthcare issues. Our mission is to discover new ways to improve and extend people's lives.

As an AI intern, you will be part of the end-to-end journey of pharmaceutical digital transformation, spanning data, intelligence, and user experience. You will build the data pipelines and backend foundation that power AI models using tools like Azure Databricks and Python, develop intelligent "agentic" workflows and automation solutions with Microsoft Copilot Studio and Power Automate, and create user-friendly applications through Power Apps and SharePoint that bring AI solutions to life. As a key technical mentor for the 2026 AI Innovation Hackathon, you will support teams in turning ideas into secure, functional AI prototypes by enabling data-driven interactions, implementing RAG patterns, and helping productize concepts into visually appealing MVPs. You'll also document your

work thoroughly and assist with tech-related queries from associates.

About the Role

Major accountabilities:

- AI Agent & Automation Development
 - Design, build, and deploy custom AI agents using Microsoft Copilot Studio, including semantic indexing for context aware information retrieval.
 - Develop intelligent automation workflows using Power Automate Desktop with Generative AI to process unstructured data (e.g. PDFs, emails, images).

- Hackathon Technical Consulting & Enablement
 - Act as a solution architect and technical advisor for hackathon teams, supporting conversational design, intent definition, and entity extraction.
 - Rapidly prototype AI solutions and MVPs, helping teams turn concepts into functional, secure, and scalable solutions.

- Data Engineering & RAG Implementation
 - Build and maintain data pipelines using Python (Pandas/PySpark) and SQL in Azure Databricks.
 - Enable “Chat with Your Data” capabilities by integrating Databricks data with Microsoft Copilot Studio using RAG patterns.
 - Ensure data quality, fairness, transparency, and privacy in line with Novartis Responsible AI principles.

- Application & Experience Development
 - Develop custom applications using Microsoft Power Apps (Canvas and Model Driven), ensuring strong usability, accessibility, and branding.
 - Embed AI capabilities (Copilot controls, AI Builder models such as OCR) directly into business applications.
 - Create intuitive user experiences that allow associates to interact seamlessly with AI solutions.

- Integration, Analytics & Governance
 - Integrate AI solutions with enterprise systems including SharePoint, Dataverse, SQL, and M365 via connectors and APIs.
 - Develop Power BI dashboards to track hackathon metrics and project outcomes for leadership and steering committees.

- Document architectures and ensure compliance with IT security, governance, and data privacy frameworks.
- Knowledge Sharing, Community & Innovation
 - Create reusable documentation, how to guides, tutorials, and templates to support self service learning.
 - Support community engagement through Viva Engage by sharing tips, moderating discussions, and answering technical queries.
 - Research and prototype emerging AI capabilities (e.g. Agentic AI) and provide recommendations to IT leadership.
 - Collaborate closely across data, AI, and experience teams to ensure seamless end to end solution delivery.

Requirements:

- Currently pursuing a Masters or Bachelor 's degree in Computer Science / Data Science / AI / Software/ IT Engineering / Statistics / Mathematics / Multimedia Computing or a related field; must be in the 3rd year of study.
- Proficiency in Python (scripting, data manipulation) and SQL, with exposure to cloud or data platforms such as Azure Databricks.
- Hands on experience or strong interest in AI technologies such as LLMs, chatbots, RAG concepts, embeddings, or Microsoft Copilot Studio.
- Familiarity with the Microsoft Power Platform (Power Automate, Power Apps), with experience in app integration, automation, or data visualization (Power BI).
- Understanding of UI/UX principles and application design; knowledge of JavaScript/TypeScript is a plus.
- Proficiency in Microsoft Office tools (Excel, PowerPoint, Word).
- Strong problem-solving skills, attention to detail, and the ability to analyze and improve data quality and processes.
- Good written and verbal communication skills, collaborating with team members to develop innovative solutions
- Creative thinking, eagerness to learn new technologies and frameworks, and a proactive mindset to challenge the status quo and drive continuous improvement.
- Excellent interpersonal skills with a strong interest in participating in meetings and contribute ideas.

Languages :

- Good written and spoken English.

"You are applying to be part of the Novartis Talent Pool. We are not currently recruiting for this role, but we are building a pipeline for future opportunities. If you would like to be considered for a similar position in the future, then please submit your CV."

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

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

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

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

地点
Malaysia

站点
Selangor

Functional Area
Others

Employment Type
Early Career (Fixed Term)

Shift Work
No

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