Gen AI Developer

Job ID
REQ-10009312

12 12, 2024

Czech Republic

We are seeking a technically adept Gen AI Developer to tackle complex business problems and drive innovation in the medical field. In this role, you will utilize statistical methods and machine learning algorithms to uncover actionable insights and automate processes. You will oversee the entire data lifecycle, ensuring data integrity and availability. With the ability to work across various business domains, you will translate findings into impactful business presentations and visualizations. Additionally, you will independently manage budgets and projects, providing guidance to team members, often in their first managerial role.

Join us to make a significant impact through data-driven solutions!

About the Role

Role responsibilities:

- Project manage own tasks and works with allied team members; plans proactively, anticipates and actively manages change, sets stakeholder expectations as required, identifies operational risks and drives issues to resolution, minimizes surprise partner concerns, with initial support from supervisors
- Collaborate with internal stakeholders, external partners and cross-functional teams to solve critical business problems -Understand life science data sources including preclinical, clinical, sales, contracting, promotions, social media, patient claims and Real World Evidence -Research and co-develop with supervisor in data management, new algorithms, methods, statistical models and business models and providing insight into structured and unstructured data, -Quickly learn the use of tools, data sources and analytical techniques needed to answer a wide range of critical business questions
- Support the evaluation of the need of technology and novel scientific software, visualization tools and innovative approaches to computation to increase efficiency and quality of the Novartis practices -Independently identifies research articles and propose them for application to Novartis business problems -Develop automation for data management, repeatedly refreshing analysis and generating insights -Articulates solutions /recommendations to business users.
- Works with senior data science team member to present analytical content concisely and effectively -Ability to provide understandable and actionable business intelligence for key stakeholders -May lead a small team or in-depth technical expertise in a scientific / technical field depending upon the career path (Manager/Individual contributor)
- Reporting of technical complaints /adverse events /special case scenarios related to Novartis products within 24 hours of receipt -Distribution of marketing samples (where applicable)

Essential Requirements:

- **Education & Qualifications**: Bachelor's degree or equivalent experience in computer science, engineering, information technology, or a related discipline.
- **Experience**: Minimum of 5 years in AI development or a related field, with hands-on experience in GenAI applications and projects.
- **Track Record**: Proven ability to deliver global solutions at scale and maintain a strong professional network across Academia.
- **Skills**: Advanced proficiency in Python, experience with Azure OpenAI or AWS Bedrock, and familiarity with Vector Databases and Graph RAG.
- **Machine Learning**: Strong understanding of ML and Deep Learning fundamentals, with experience in developing and deploying AI models.
- **DevOps Practices**: Strong experience in GitOps and DevOps, familiarity with TDD and DDD principles, and proficiency in writing secure and efficient software.
- **Research Implementation**: Ability to read and implement solutions from the latest GenAI research papers.
- **Problem-Solving**: Strong problem-solving and analytical skills, with a curiosity and willingness to learn and adapt to new technologies.

Desirable Qualities:

- **Collaboration**: Ability to work effectively in a collaborative, team-oriented environment with strong communication skills.

- **Continuous Learning**: Passion for staying updated on the latest trends and advancements in GenAI, practical experience with version control systems like Git, and an understanding of ethical considerations in AI and data usage.

You'll receive:

Monthly pension contribution matching your individual contribution up to 3% of your gross monthly base salary; Risk Life Insurance (full cost covered by Novartis); 5-week holiday per year; (1 week above the Labour Law requirement) ; 4 paid sick days within one calendar year in case of absence due to sickness without a medical sickness report; Cafeteria employee benefit program – choice of benefits from Benefit Plus Cafeteria in the amount of 12,500 CZK per year; Meal vouchers in amount of 105 CZK for each working day (full tax covered by company); Public Transportation allowance; MultiSport Card, Employee Share Purchase Plan. Find out more about Novartis Business Services: https://www.novartis.cz/

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

This role is can be based in Prague or Ljubljana. Novartis is unable to offer relocation support for this role: please only apply if these locations are accessible for you

#LI-Hybrid

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

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

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

Operations

Business Unit
CTS

Czech Republic

Prague

Company /Legal Entity
CZO2 (FCRS = CZOO2) Novartis s.r.o

Functional Area
Data and Digital

Job Type
Full time

Employment Type
Regular

Shift Work
No

Apply to Job

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to di.cz@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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