NOVARTIS

Forward Deployed Engineer (FDE) Data42 (Palantir Foundry)

Job ID
REQ-10079404
Oct 02, 2026
LOC_US

About the Role

Key Responsibilities:

- Embedded delivery and problem solving: Embed with domain teams to understand workflows, define success criteria, and translate needs into shipped capabilities; Lead discovery, solution framing, and iterative delivery from prototype to production.
- Build on Palantir Foundry: Design and implement end-to-end solutions in Foundry, including data pipelines, transformations, ontology alignment, and application workflows; Configure and optimize Foundry-based applications to support operational decision-making and repeatable analytics; Apply Foundry-native patterns for permissions, auditability, performance, and release management.
- Data engineering and modeling: Ingest, transform, and model diverse datasets to make them usable and trustworthy for analytics and applications; Define data quality checks and ensure datasets are fit for intended use (document assumptions and limitations).
- Application development and integration: Build user-facing applications or workflow experiences and integrate with upstream and downstream systems as needed; Support deployment, monitoring, and ongoing improvement of production applications.
- Cross-functional leadership: Partner closely with product managers, data scientists, data engineers, governance, and platform teams to align scope, timelines, and standards; Communicate trade-offs clearly and unblock delivery through technical and stakeholder influence.
- Enablement and reuse: Create reusable templates, components, and patterns to accelerate future deliveries across Data42; Mentor teammates and contribute to internal documentation, playbooks, and delivery standards.

Essential Requirements:

- Bachelors degree in Biology, Bioengineering, Bioinformatics, Biostatistics or related discipline.
- 8+ years of experience working in biomedical research, bioengineering, bioinformatics or related domain.
- Hands-on experience with Palantir Foundry is essential for this role, building and operationalizing solutions (pipelines, ontology, applications, and access controls), with a Foundry-first engineering and delivery mindset.
- Solid experience in partnering with stakeholders to understand challenges and define effective solutions, developing and delivering Proof of Concepts to validate ideas and demonstrate business value.
- Demonstrated experience delivering software, data, or analytics products in a fast-paced, user-facing environment, with expertise in rapid prototyping to production execution.
- Strong programming skills and comfort working across data and application layers.
- Strong user empathy and workflow orientation, with proven ability to work directly with end users, clarify ambiguous requirements, and deliver iteratively.
- Excellent communication skills and stakeholder management skills, with strong reliability and operational discipline.

Desirable requirements:

- Experience delivering solutions in regulated or sensitive-data environments, with strong attention to access control and audit needs.
- Familiarity with product discovery methods (problem framing, value definition, iterative MVP delivery).
- Experience with analytics, AI, or machine learning enablement within production applications.

The salary for this position is expected to range between $160,300 and $297,700 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.

To learn more about the culture, rewards and benefits we offer our people click here.

Role Requirements

Division
DIV_RE
Business Unit
Research
Location
LOC_US
Site
Cambridge (USA)
Company / Legal Entity
U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.
Functional Area
FCT_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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