Lead Bioinformatics Software Engineer / Architect

Job ID
281166BR

Position Title
Lead Bioinformatics Software Engineer / Architect

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Job Description

750 million. That's how many lives our products touch! NIBR Oncology is seeking an experienced software engineer to lead the development of solutions to support our data scientists. In this largely hands-on role, you will lead and mentor three or fewer direct reports within a larger engineering team following Agile practices. You will architect and implement software solutions that marshal, transform and visualize genomic and other biomarker data from pre-clinical and clinical projects to enable data scientists to derive insights more quickly. Collaborate closely with end-users and work across disciplines to deliver the most impactful solutions possible.

Job Responsibilities:
• Mentor three or fewer direct reports working on matrixed project teams
• Contribute to a culture of strong engineering practices

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EEO Statement

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Minimum requirements

Desirable Requirements:
• B.S./M.S. in computer science or bioinformatics.
• 8+ years of experience designing and delivering applications for automated data processing and visualization.
• Experience architecting robust, maintainable and scalable multi-tier solutions
• Experience with data modeling, large-scale data processing, and data preparation
• Deep domain knowledge in bioinformatics and experience collaborating directly with data scientists
• Ability to identify the most impactful new technologies and champion their adoption
• Expertise with some combination of Java, React, Python, R, AWS, modern web
frameworks, database development

Why consider Novartis?
We believe the answers are found when curious, courageous and collaborative people like you are brought together in an inspiring environment. Where you’re given opportunities to explore the power of digital and data. Where you’re empowered to risk failure by taking smart risks, and where you’re surrounded by people who share your determination to tackle the world’s toughest medical challenges.

We are Novartis. Join us and help us reimagine medicine.

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