

Principal Software Engineer

Job ID
REQ-10064201

10月 12, 2025

India

摘要

We are seeking a technically strong and visionary software engineer to develop advanced tools and methodologies that support the full design-make-test-analyze cycle in drug discovery. The role involves building scalable, cloud-based solutions for data integration, analysis, and visualization, while collaborating with cross-functional teams to deliver impactful and user-centric products. The ideal candidate will demonstrate leadership in software development best practices, embrace agile principles, and ensure compliance with global standards including Information Security and Regulatory requirements. Proficiency in modern programming languages, cloud and container technologies, and a passion for delivering high-quality, user-focused solutions are essential.

About the Role

Major accountabilities:

- Develop state-of-the-art software tools and methodologies to support the discovery process

across the entire design-make-test-analyze cycle

- Play a key role in the design and development of tools and technologies for integrating, processing, analyzing and visualizing data at scale
- Operate as part of a cross-functional product team to translate business needs into powerful, functional and beautiful products
- Participate in the full development cycle from product inception, research and prototyping to production release
- Embrace a bias-to-action mindset, agile development principles, and industry standard software development best practices
- Balance strong technical and thought leadership with a learning and listening mindset.
- Embody and integrate software development best practices into your everyday work and inspire others within the engineering community to emulate these practices
- Ensure adherence to Novartis global Information Security and Quality standards and policies for all products/services.
- If applicable, ensure Regulatory Compliance (e.g. GLP & GCP) standards and policies for GxP products/services. Key performance indicators:
- Timely execution of projects and data requests -Feedback from project sponsors and key stakeholders

Minimum Requirements:

Skills:

- Experience building commercial-quality cloud-based solutions at scale effectively via various SDLC, and product-led approaches, delivering performance, quality, and reliability
- Demonstrated ability to act as technical lead of products, enabling the team to be more impactful
- Excellent interpersonal skills with the ability to communicate effectively in a matrix environment
- Experience with modern programming languages (Java, JavaScript, Python, etc.), operating systems and software development environments
- Experience with relational and non-relational databases (Oracle, SQL Server, PostgreSQL, Couch, Mongo, Neo4j, etc.)
- Experience with cloud technologies (AWS, Azure) & container technologies (e.g. Docker, Kubernetes, etc.)
- Experience with web service development
- Experience with software development code management principles and tools (e.g. JIRA, Bitbucket, Jenkins, CI/CD, etc.)
- Well-structured working style with open and clear communication that enables effective collaboration across multiple teams, sites and time zones
- Attention to detail and passion for the end-user experience

Why Novartis:

Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

You'll receive: You can find everything you need to know about our benefits and rewards in the

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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.

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversityandincl.india@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here:

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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>

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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>

部门

Biomedical Research

Business Unit

Pharma Research

地点

India

站点

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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