

Sr. Principal Engineer - Software

Job ID
REQ-10039309
Mar 26, 2025
India

Summary

As a key member of the Software Engineering team within BRs 400-people strong Informatics organization (NX), you will be responsible for developing next generation software tools that optimize the acquisition, storage, integration, mining, analysis, visualization and interpretation of chemical, biological, clinical and operational data. We are looking for a problem-solver with a strong foundation in computer science

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

To be included on all Job Descriptions

- 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.

Experience Requirements (Core Skills and Capabilities):

- 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

Education and Qualification Requirements:

- BS in computer science, information systems, life sciences or related field (advanced degree preferred)

Language Requirements:

- Excellent English skills, both verbal and written. Additional knowledge of French and German considered a plus

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

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>

Division

Biomedical Research

Business Unit

Pharma Research

Location

India

Site

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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