

# Principal Software Engineer

Job ID  
REQ-10038415  
Feb 17, 2025  
India

## Summary

As a key member of the Software Engineering team of 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.

## 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

#### Languages :

- English.

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

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