NOVARTIS

Architect Software Engineering

Job ID
384517BR
Apr 25, 2024
India

Summary

-Responsible for scientific data analysis, applications, architecture, support, system engineering, etc. The individual typically designs or works with informatics solutions specifically for Research. The role requires expertise in Informatics and/or Informatics Systems with a good knowledge of Research

About the Role

Role Title: Architect Software Engineering
Location: Hyderabad

About the Role:
As an Architect in Software Engineering team within NIBR's 400-people strong Informatics organization (NX), you will be responsible for designing and developing a next generation of software tools. Working in a highly collaborative environment, you will partner with other architects, engineers, product managers, user researchers, data scientists and global discovery project teams to drive product innovation and launch new capabilities that enable scalable, secure and intuitive access to research data by NIBR's global scientific community.

Key Responsibilities:
• Develop state-of-the-art software tools and methodologies to support the discovery process across the entire design-make-test-analyze cycle
• Play a lead role in the design and development of tools and technologies for integrating, processing, analyzing and visualizing data at scale
• Partner closely with users and cross-functional product teams to translate business needs into powerful, functional and beautiful products
• Provide consultancy around software tools and methodologies and suggest innovative ways to leverage internal and external data
• Write production quality code and offer assistance and expertise to your teammates while implementing your own ideas
• Participate in the full development cycle from product inception, research and prototyping to release in production
• Embrace and promote agile development principles and best practices for software development
• Demonstrate strong technical and thought leadership and ability to influence and guide the work of others

Commitment to Diversity & Inclusion: :

We are committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

Role Requirements :

Essential Requirements:

• BS in computer science, information systems, life sciences or related field (advanced degree preferred) and at least 10 years of hands-on software development experience post BS (may include academic training)
• Extensive experience with modern programming languages (Java, Python, Javascript, Typescript ...), operating systems and software development environments.Experience with relational and non-relational databases (Postgres, Oracle, DynamoDB)
• Experience in web service development (e.g. Flask, NestJS) and with both REST and GraphQL service architectures.Extensive experience building and deployment software in cloud environments (preferably AWS)
• Familiarity with containerization and virtualization technology, including the use of Docker and containers to modularize and deploy complex services and web applications
• Agile software delivery processes, focused on git and using "gitops" and "trunk-based deployment" approaches to software delivery and infrastructure-as-code
• Proven track record in delivering industry-grade software solutions with a focus on performance, quality and reliability
• Ability to design and deliver solutions proactively, independently and with minimal supervision
• Collaborative mindset and team spirit. Well-structured working style with open and clear communication that enables effective collaboration across multiple teams, sites and time zones and Strong customer focus and interpersonal skills
• Attention to detail and passion for the end-user experience

Preferred Experience :

• Experience in life sciences and pharmaceutical R&D
• Experience with Azure or other non-AWS cloud platforms
• Working knowledge of OAuth2 for modern authentication / authorization
• Hands-on experience with cluster container deployment solutions (Kubernetes, AWS ECS)
• Experience with development processes, projects and repositories (e.g. JIRA, Bitbucket, Jenkins, CI/CD, Confluence)

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 Novartis Life Handbook. https://www.novartis.com/careers/benefits-rewards

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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: https://talentnetwork.novartis.com/network

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

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: https://talentnetwork.novartis.com/network

Division
Biomedical Research
Business Unit
Pharmaceuticals
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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