Snr. Developer (R), Tech & Scientific Computing

Job ID
REQ-10064311

10   09, 2025

Ireland

Job Title: Snr. Developer (R), Advanced Quantitative Sciences, Tech & Scientific Computing
#LI-Hybrid
Primary Location: Dublin, Ireland
Other Locations: London, United Kingdom
Relocation Support: This role is based in Dublin, Ireland. Novartis is unable to offer relocation support: please only apply if accessible.

Join us in shaping the future of clinical analytics through open-source innovation and impactful data science. As a Snr. Developer in Advanced Quantitative Sciences, you'll build tools that empower clinical trial teams—streamlining workflows, enhancing reporting, and modernizing user experiences. Collaborating across interdisciplinary teams, you'll drive innovation, champion best practices, and help transform how we analyze and communicate clinical insights.

About the Role

Key Responsibilities

- Develop and maintain R packages to support data engineering, analysis, automation, and reporting workflows
- Design and deploy Shiny applications for interactive dashboards and data exploration
- Collaborate with analytics teams to translate requirements into reproducible tools and code
- Lead demos, pilots, and training sessions to drive tool adoption across teams
- Engage with users to identify opportunities for modernization and continuous improvement
- Promote best practices in data science and software development across the organization
- Document tools and processes to support inclusive modernization efforts
- Participate in open-source communities to foster external collaboration and innovation

Essential Requirements

- Master's degree in a quantitative or computational science discipline
- Minimum 4 years of experience as an R developer in a professional setting
- Expertise in data manipulation using tidyverse and data visualization with ggplot2 and plotly
- Proven ability to build production-grade R packages with documentation and testing frameworks
- Hands-on experience deploying and maintaining R applications in production environments
- Advanced proficiency in Shiny app development and deployment
- Strong foundation in software development practices including Git, CI/CD, and code reviews
- Collaborative mindset with a solution-oriented approach and strong written English skills

Desirable Requirements

- Understanding of the drug development process and regulatory requirements for digital tools
- Experience with Quarto, workflow automation, or metadata-driven reporting; participation in open-source pharma projects such as R Consortium, pharmaverse, openpharma, or openstatware

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

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.

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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Development

Business Unit
Innovative Medicines

Ireland

Dublin (NOCC)

Company /Legal Entity
IE02 (FCRS = IE002) Novartis Ireland Ltd

Alternative Location 1
London (The Westworks), United Kingdom

Functional Area
Data and Digital

Job Type
Full time

Employment Type

Regular

Shift Work
No

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