VACANCY

Job title: Senior Software Developer (.NET)
Location: Stokesley/Remote

The Novacyt Group is an international specialist diagnostic solutions provider, with a comprehensive product portfolio in advanced molecular and protein detection technologies. We believe in providing high-quality innovations, with a patient-led focus, that advance the science behind diagnostics in microbiology, haematology and serology testing.

Novacyt Group – at a glance:

Primerdesign – Focused on design, manufacture, validation and supply of gold standard real-time PCR kits, reagents and instruments.
IT-IS International – A specialist in the development and manufacture of molecular diagnostic instrumentation.
Microgen Bioproducts – A product range of diagnostic products in the fields of microbiology, serology, haematology, bacteriology and virology.
Lab 21 Healthcare – Manufacturer and supplier of Plasmatec and Biotec branded products, plus a range of reagents and tests for IVD application and blood grouping.

We're now looking for a Senior Software Developer (.NET) to join our team on a full-time basis working 37.5 hours per week.

Job Summary

Now part of the Novacyt group, IT-IS forms the instrumentation division of a multinational company specialising in DNA testing on a global scale. Having in-house R&D capability as well as a rapidly expanding manufacturing team means that IT-IS can deliver precision instrumentation and software, and be reactive to market demands. We have a proven track-record of delivering PCR instrumentation, analysis software and services across a range of applications, with recent expansion across the group we are aiming to further grow our research and development activities to deliver the next generation of PCR technology. As part of this process we are scaling up our development team to introduce a new senior software developer to guide the strategy for a new online digital presence and a supporting portfolio of desktop and cloud-based software.

The role will guide the architecture and development of our digital solutions, predominantly using Microsoft stack / .NET Core platforms and Microsoft Azure, with scope to supplement this with a wide range of other technologies.

This role can be fully remote, although ideally will be a hybrid working pattern, commutable from our R&D facilities at IT-IS International's Stokesley site. There may be very occasional travel to other Novacyt sites in Southampton and/or Camberley.

Main Duties and Responsibilities
- Write, develop, test and maintain code on various technology platforms

- Architect new digital solutions with a systems thinking approach, understanding the dependencies between different technology platforms and products
- Guide development best practices with other senior developers and the software development manager
- Contribute to the improvement of the delivery lifecycle, through Agile methodologies, DevSecOps practices and frequent retrospectives
- Investigate and implement new technologies to allow the code to be more maintainable as the business scales

Qualifications and Experience Required

Essential Requirements
- Demonstrable experience in C# / .NET Core
- Experience working with cloud platforms and cloud-first approaches, preferably in Microsoft Azure
- Experience building web-based APIs, preferably using a microservice based approach
- An agile mindset, an ability to be flexible and adaptable in a growing organisation and the understanding of the software tools and practices to achieve this
- A growth mindset, the desire to grow personally and professionally and not be defined by one technology or way of doing things
- Knowledge of good software engineering practices, such as unit testing, SOLID principles, DevOps principles etc.
- Familiarity with good software lifecycle management concepts:
  - Git workflow and change control
  - Automated testing
  - Continuous integration and deployment
  - Issue tracking
  - Versioning and release management
- Working with others respectfully as part of a team, seeking out relationships outside of your immediate team, communicating in a safe environment with courage to others in the business if something can be improved

Desirable Requirements
- A genuine desire to want to make a difference to people's lives through providing customers and patients access to diagnostic services in the fight against infectious diseases
- Experience in instrumentation software and R&D, preferably in the field of Life Sciences
- Varied experience across desktop software, cloud services, firmware development, IoT, analysis algorithms and data science using a variety of languages
- Experience of development conforming to specific standards such as ISO 9001 and ISO 27001
- Experience of development within regulated applications (e.g. ISO 13485, ISO 14971, and IEC 62304)

The Benefits
- Competitive salary
- 25 days' annual leave
- Ability to buy and sell annual leave
- Cycle to work scheme
- Refer a friend scheme

- Life assurance
- Private medical insurance
- Group pension scheme

It's an exciting time to join our team as we are making huge leaps in the fight against COVID-19 and have recently been awarded a Breakthrough of the Year award at the European Mediscience Awards 2020.
We are the best in the world at what we do. If you are looking to learn, grow and succeed as part of a passionate team who are eager to make a difference, we want to hear from you.

Hours of Work	37.5 hours per week
For further information or to apply for this vacancy please e-mail recruitment@novacyt.com	