

# Job Description



## Senior Developer

### Background

Datix has been a global pioneer in the field of patient safety over the past three decades and today is the leading provider of software for patient safety, risk management and incident reporting for the healthcare sector.

Datix aims to build and promote a culture of safety within healthcare organisations, recruiting professionals who are passionate about improving healthcare and championing technological innovation. Datix continually invests in its software and services, maintaining a leadership position at the forefront of the worldwide patient safety movement.

Datix is focused on the health and social care sector. Its customers include public and private hospitals, primary care providers, GP surgeries, mental health and ambulance service providers. Within the UK this includes more than 75% of the National Health Service. Internationally the Datix client base is growing rapidly and includes large scale deployments in the USA and Canada as well as customers in Europe, Australia and the Middle East. Datix has offices in London, Chicago, Washington DC and Melbourne, with partners in the Middle East, Australia and New Zealand.

We develop, maintain and support our own software and provide training and consultancy services to allow our customers to get the most benefit.

We are committed to the patient safety community and we now support some of the world's largest incident reporting systems. In line with our mission to reduce harm to patients, we are looking to appoint a Senior Developer to join our Development team.

### The Role

Reporting to the Head of Product Development, the Senior Developer will join a growing team of developers and testers working on a large, complex web application comprising both WISP-based (Windows, IIS, SQL Server and PHP) and LAMP (Linux, Apache, MySQL, PHP) components as we look to push the application into a microservice-based SaaS model with a focus on data analytics and machine learning.

The senior developer will need to be a voice of authority within this team, ensuring that the application development balances code quality with delivery of business value.

### Responsibilities & Duties

- Monitoring and supporting day to day maintenance of the software, working closely with the testing and product management teams to ensure that the software is stable and functional.

- Leading projects to improve and extend the functionality of the application and taking responsibility for working to deadlines on such projects.
- Providing technical leadership with regards to the quality of the codebase and taking responsibility for tracking metrics on quality, security and performance.
- Ensuring the junior members of the team are supported and mentored in technical skills to allow them to quickly become competent and productive developers.

## Skills, Qualities & Experience

Candidates must possess a university degree in a scientific or engineering discipline.

Candidates must be able to demonstrate a minimum of 4 years commercial experience in web application development, and must be very confident of their skill with both base technologies (SQL, JS) and wider theory (MVC application design, common application design patterns, OOP, agile methodologies, automated testing, web application security), including modern application structures (e.g event sourcing and microservice architectures).

They must be able to balance technical and business requirements in discussion with other teams to maximise the benefits of time spent on a task and should be able to clearly articulate technical concepts, both in writing and verbally and ideally should be able to show instances from previous roles where they had used their initiative to work independently to produce value for the business.

The role involves working on a large, complex product through multiple simultaneous projects, and so the candidate must have an excellent work ethic and time management skills as well as being able to get up to speed with new projects quickly and deliver to deadlines as required.

Prior experience with AngularJS, SaaS applications deployed via Docker on AWS, microservice architectures and machine learning are all valuable but not essential. Although much of the existing application is written in PHP, we are looking to expand the range of technologies we employ, and so while the applicant would need to be happy to work with PHP as required for particular projects; their prior experience can be in other languages.

Candidates must have a positive attitude towards team working, planning, pair programming, TDD and other agile practices

## Package & Benefits

This role comes with an excellent salary and benefits package. Including, 25 days holiday a year, private medical insurance, company pension, death in service cover, subsidised gym membership and discounts on various goods and services through the Datix rewards scheme. If you wish to apply for this role, please forward your CV with a short cover letter to [careers@datix.co.uk](mailto:careers@datix.co.uk).