

# Senior Systems Developer (Band 7)

Recruitment Profile - This is a summary of the Job Description and Person Specification



**Blood and Transplant**

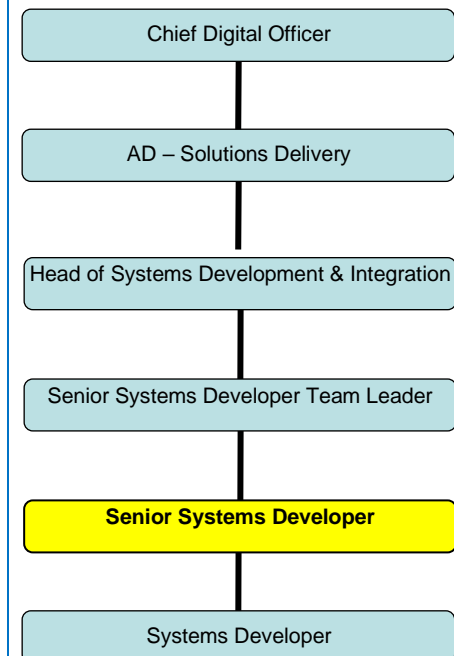
## About the Role

In this role you will be required to develop and deploy world-class information systems, application software and database services according to NHSBT corporate business plan using the most appropriate tools and technologies. Your responsibilities will include :-

- Maintain and enhance existing systems.
- Production incident management.
- Drive timely updates to existing systems viz. runtime upgrades, security patching, etc.
- Contribute to requirements (functional and non-functional) for existing and new projects.
- Support team in troubleshooting technical issues (production/non-production).
- Validate design proposals for new solutions and technical reviews of existing systems.
- Evaluation, impact analysis and estimation for new requirements.
- Mentoring and assisting junior team members.
- Ensuring coding, security and architectural software standards are met through peer reviews.
- Liaison with third party infrastructure management partner on daily basis for BAU.
- Liaison with varied teams in NHSBT for change, quality assurance and release management.

You will be required to travel and spend time away from base, which will involve working irregular hours and overnight stays when required, with prior notice. You will also be required to participate in an on-call out of hours rota which may include evening, weekend and public holiday working.

## Organisation Structure



## About Us

Our **Core Purpose** is to save and improve lives while demonstrating our values every step of the way

Our **ambition** is to be the best organisation of our type in the world by living our **values** every day

Our **Core Values** are: **Caring** about our donors, their families, our staff and the patients we serve; Being **Expert** in meeting the needs of our external and internal customers and partners; Providing **Quality** products, services and experiences for donors, staff and patients

## About You

This section details the personal attributes we require for this role. You will need to demonstrate these throughout the recruitment process.

### Behaviours and Values

- **Communicating** – Friendly and approachable, able to relate to staff, donors and patients from all backgrounds, promoting NHSBT positively
- **Collaborating** – Know the importance of your own behaviour and body language when communicating and working with others
- **Leading** – Professional in matters of confidentiality, security, integrity, honesty, performance, attendance and appearance
- **Customer focused** – Demonstrate and promote high standards of quality customer care to both internal and external customers
- **Performing** – Able to use and act on feedback from others on your performance and behaviour to increase your own self awareness
- **Innovating** – Consider, suggest and be open to alternative ways of working to make continuous improvements

### Skills and Abilities

- Be highly articulate and credible, consistently influencing and delivering inspiring, engaging, and meaningful information regarding future direction
- Build collaborative relationships and solve issues by engaging the right people at the right time
- Lead the team, accepting responsibility for achievement of business objectives and creating a shared sense of ownership for service delivery
- Engage widely with customers to seek input into setting strategic objectives and identifying new ideas and improved ways of working
- Demonstrate strong leadership, influence, and accountability for the achievement of results
- Recognise when change is required and demonstrate personal ownership for pursuing, communicating and implementing the change, whilst minimising the motivational impact on others

### Experience and Knowledge

- Experience with MuleSoft Anypoint Platform and versions 3.x & 4.x.
- Experience with Java 8
- Strong experience in APIs Design and Development (OAS/RAML, REST, SOAP)
- Knowledge of API security standards.
- Experience with XML, XSD, JSON
- Strong experience in automated unit testing frameworks (MUNIT, JUNIT)
- Experience with SQL databases
- Knowledge of full software development lifecycle
- Understanding of development methodologies (Agile, Kanban etc)
- Understanding and Hands-on Experience with Message Queue.
- Good experience in DevOps (CI/CD, Git, Maven, Jenkins, etc)
- Branching strategies
- Azure cloud / AWS experience
- Knowledge of secure communications, data encryption, oauth2 authentication, SSL certificate
- Experience of the following would be advantageous: Linux, Azure, SAFe Agile methodology, JIRA, SharePoint

### Qualifications and Training

- Relevant degree level plus practical experience or Post Graduate Degree in Computer Science
- Extensive training in software development tools and methodologies and in database technologies, including Oracle and SQL Server
- Demonstrates commitment to own continued professional development (CPD)
- Possession of a valid driving licence, allowing you to drive in the UK would be desirable