

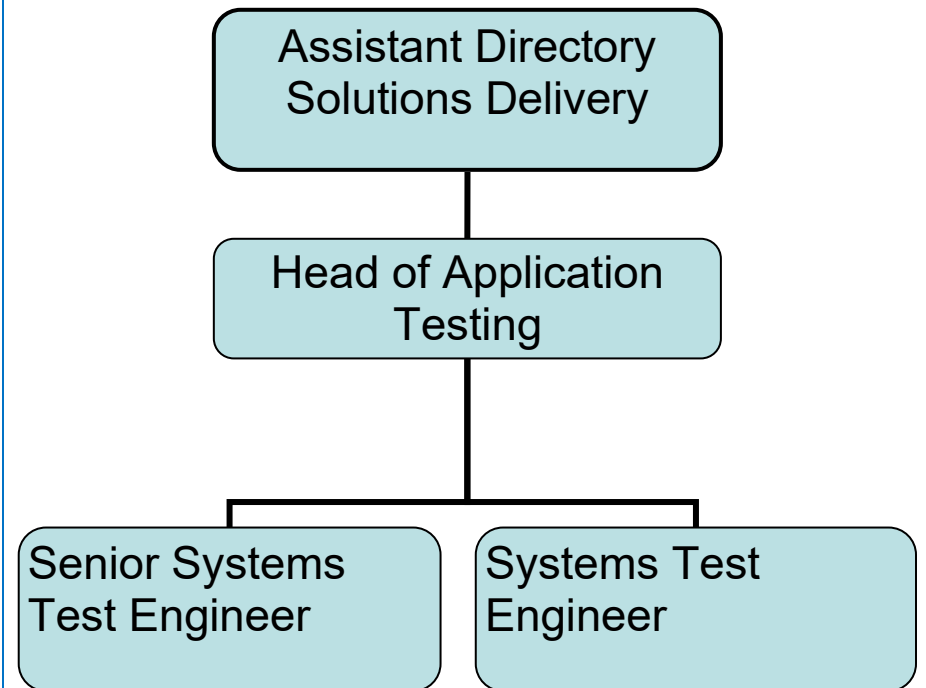
Systems Test Engineer (Band 6)

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

About the Role

- You will ensure the safe and effective delivery of IT-enabled services through thorough software and hardware testing and administrative support.
- You will develop and improve effective testing processes and provide expertise in the field of software testing strategy and methodology across NHSBT.
- You will ensure that testing processes with Systems Development and Integration department adhere to recognised good practice standards (including GMP, GAMP and GDP) and provide assurance that the quality of testing is appropriate to meet the needs of NHSBT. This includes cascading information about procedures and challenging poor practice when observed.
- You will write and maintain software test scripts, test cases and test logs/reports to a high degree of accuracy.
- You will carry out software testing and produce test results/coverage reports. Log and manage any defects found in testing and communicate outcomes to systems developers, users and other stakeholders.
- You will analyse test scripts and determine the testing data required for them to be used effectively. Prepare this testing data based on knowledge of the system being testing and the underlying business process that it supports.
- You will develop and maintain an understanding of the BTS Software Development Life Cycle, relevant external guidelines and standards and identify where these can be improved or better used in NHSBT.

Organisation Structure



About Us

Our three core principles are critical to our service, guiding everything we do and inspiring us to be the best.

- *We **care** about our donors, their families, the patients we serve, and our people.*
- *We are **expert** at meeting the needs of those who use our service and those who operate it.*
- *We provide **quality** products, services and experiences for donors, patients and colleagues.*

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

Experience and Knowledge

- Creating appropriate test strategies using a risk based methodology
- Planning and organising complex testing activities involving multiple systems to meet deadlines
- Able to construct and read basic SQL code
- Writing effective test scripts and creating test data from software requirements.
- Logging and managing details of defects found in testing and to isolate the root cause of defects.
- Able to drive the resolution of important/ critical defects.
- Expert knowledge in “black box” and “white box” testing.
- Good knowledge of test management, estimation, monitoring and control.
- Knowledge of software testing in an Agile/Lean software development environment
- Significant experience of using Microsoft Office.

Skills and Abilities

- Communicate succinctly, clearly and accurately in plain simple English, both verbally and in writing
- Be an effective team member who is able to relate to colleagues at all levels across our large multi-site organisation with tact and diplomacy
- Recognise your own job role boundaries / limits of practice and know when to ask for guidance
- Follow written instructions and ensure the services you provide are in line with standard processes and good practice, showing attention to detail
- Prioritise own workload and take responsibility for delivering results within agreed timescales and standards with changing priorities and pressures
- Use initiative to look out for issues at work, acting quickly and calmly to focus on finding a solution

Qualifications and Training

- Degree level qualification in a related subject or equivalent experience
- Postgraduate diploma in software testing or equivalent experience

