



## Job Description

<b>Job Title:</b> Senior Quality Assurance Engineer	<b>Division:</b> Authentication
<b>Reporting to:</b> Test and Quality Manager	<b>Function:</b> Software Development
<b>Location:</b> Basingstoke / Gateshead	<b>Job Grade:</b> C12
<b>Travel:</b> Limited. UK based to Gateshead/Basingstoke, possibly once or twice a year. International travel limited to very short periods during customer deployments – but only if necessary	

### 1. ROLE PURPOSE AND SUMMARY

The Software Development function at De La Rue, provides mature agile development services for multiple customers and internal stakeholders, across a range of key software products across the business.

As a **Senior Quality Assurance Engineer** this is a hands-on testing position, working within software development.

You will use your knowledge of testing methods and strategies to guide colleagues. You will collaborate with testers and developers across the software development team to ensure we use adequate and effective tests. We want you to become the trusted adviser to co-workers on how they should be testing.

Put simply, your work will underwrite our customer experience.

### 2. DIMENSIONS AND REPORTING LINES (number of reports and financial values)

No Direct Reports

### 3. KEY ACCOUNTABILITIES

#### *Individual*

- Participating in multi-disciplinary, Agile teams working together to create digital solutions
- Drives performance testing to be part of the development process by implementing frameworks relevant to the business needs and skills of the test team
- Pro-actively seeks to make continuous improvements to automation, test coverage and execution
- Supporting the Test and Quality Manager in achieving their strategic goals by providing technical support to the software development team
- Takes ownership of the testing strategy
- Ensures the test team are following best testing practices
- Advocate quality throughout the development process and make recommendations for improvements
- Maintaining, executing, and reporting on testing non-functional requirements such as performance, load, and accessibility
- Mentor, collaborate and improve the test team

#### *Divisional Authentication*

- Support the Divisional leadership team, executing the strategy for Authentication in terms of the core GRS and Brand Protection propositions
- Provide subject matter expertise to support effective decision making provide input as required to the annual strategic planning cycle
- Support and follow the governance and operational disciplines applicable across the division

#### *Common to all roles*

- To ensure full participation in the performance development review (PDR) process and maintain an up-to-date record of all training and development activities/programs
- To always act and behave in a way compliant with all De La Rue company guidelines and policies, especially those relating to values and behaviours, environmental health and safety, ethics and codes of conduct, as it is through living our values that we strengthen the culture of our business and demonstrate our understanding of our Code of Business Principles. Further information on our company values can be found in our "Living the Values" guidelines.

### 4. CAPABILITY (qualifications, experience and skills)

#### *Essential*

- Excellent communication skills
- Experience in performance testing with a solid understanding of concepts such as peak load testing, soak testing, stress testing, scalability and the importance of volume and concurrency when defining tests.

- Experience with Playwright, TestCafe or Cypress.io with TypeScript/JavaScript
- Strong understanding of agile methods of software delivery and the principles and practices of Behavior Driven development (BDD)
- Experience testing REST APIs and message-based systems. Familiar with Postman/Swagger
- Solid understanding of CI/CD tools, DevOps and GIT
- Experience of shift-left and shift-right testing strategies
- Knowledge of different test layers such as unit, integration, and integrated tests
- Experience with defining and implementing best testing practises
- Experience with non-functional testing techniques and approaches

Desirable

- Experience with using test doubles such as Wiremock, moq, React testing library
- Experience with Angular and React testing frameworks
- Knowledge of contract testing

Personal Characteristics:

- Self-motivated and able to work independently – Essential
- Attention to detail – Essential
- Collaborative – Essential
- Team player – Essential
- Supportive – Essential
- Professional – Essential
- Accountable – Essential

	Name	Signature	Date
Job Holder			