

# Job Description



<b>Job Title</b> Software Platform Engineer	<b>Division</b> Authentication
<b>Reporting to</b> Software Engineering Director	<b>Function</b> Software Development
<b>Location</b> Basingstoke / Gateshead	<b>Job Grade</b> D11
<b>Travel.</b> UK based to Basingstoke / Gateshead (depending on base location), Occasionally.	

## 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 Software Platform Engineer your role underpins much of the development function. You will manage our source repositories, build pipelines and delivery pipelines. These extend over multiple complex systems. You will also provision and maintain our development and test environments. Continuous improvement and innovation are at the core of everything we develop. We welcome exploration of new technologies and are open to transition to best practice.

Our build pipelines use Terraform, Ansible, PowerShell and Bash scripts for deployment into Azure and vSphere based environments,

We work together and value people who are collaborative, helping each other and sharing knowledge across the department, using wikis and team chat rooms to build our knowledge. We drive change and innovate, we love keeping up with the latest technologies and approaches and furthering ourselves and our teams.

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

- No direct reports

## 3. KEY ACCOUNTABILITIES

### *Individual*

- Design and develop simple, maintainable build and delivery pipelines to ensure builds are consistently delivered into our environments with high reliability;
- Focus on the Development Team needs, driving incremental delivery of software that has the highest value and address areas of most risk in a timely manner;
- Work closely across the multi-disciplinary team to ensure the team delivers its commitments;

- Continuously drive improvement with yourself, the team and the department through ways of working with more agility and introducing technologies;
- Promote knowledge sharing across the team and departments, ensuring that we work as closely and effectively as possible;

#### **Common to all roles**

##### *Divisional Authentication*

- Support the Divisional leadership team in executing on the strategy for Authentication in terms of the core GRS and Brand Protection propositions
- Build and embed (industry standard) operational best practices to sustain rapid growth and drive greater control of operations, profitability and risk
- Contribute to the development of a strong Divisional operating model, building strong interactions, processes and enablers across functions and teams
- Provide subject matter expertise to support effective decision making and provide input as required to the annual strategic planning and budgeting cycles
- Support, instil 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)**

##### **Education, Skills & Knowledge:**

- Highly knowledgeable in Ansible or similar infrastructure configuration management technologies;
- Skilled in platform debugging using industry standard tools and technologies;
- Commercial software development experience of working as part of an agile team;
- Experience of developing software within a continuous deployment environment;
- Knowledge of IP networking, DNS, Load balancing and Reverse Proxies;
- Knowledge of Active Directory and Group Policy;
- Good technical skills with knowledge of solution design and application architecture;

##### **Abilities:**

- Ability to envision and deliver software infrastructure that meet user needs and/or solve business problems - Essential
- Ability to design infrastructure solutions to meet complex and challenging user requirements - Essential
- Ability to set and manage priorities judiciously - Essential
- Ability to articulate and gain engagement for ideas to both technical and non-technical audiences – Essential
- Ability to motivate in a team-oriented, collaborative environment – Desirable

**Experience:**

- Experience of managing code repositories, particularly Azure DevOps and git – Essential
- Hands-on experience of designing and maintaining deployment solutions, e.g. Octopus Deploy – Essential
- Experience with Azure (Azure App Services, Azure Blob Storage, Azure Virtual Machines, vNets, Key Vaults, IAM, Storage Accounts, NSGs, etc) – Essential
- Experienced in provisioning Infrastructure via IaC (Terraform, Ansible etc) – Essential
- Experience with deploying and managing Docker containers in Azure and on-Premise – Essential
- Experience of managing Windows, Ubuntu and Debian – Essential
- Working in an Agile environment – Essential
- Experience of successfully designing and developing complex development infrastructure in Azure DevOps– Desirable
- Experience of SQL Server – Desirable
- Experience of working with PostgreSQL – Desirable
- Experience of Jira and Confluence - Desirable

**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

Job Holder: .....

Date: .....

Manager: .....

Date: .....