

Job title

Senior Platform (DevOps) Engineer

Location

Kings Hill (Kent), near West Malling, Kent

Department

Technology

Who are RDT?

RDT is a focused and successful agile software company. It has been working in the UK insurance market for over 30 years and in this time has been delivering highly innovative software and consulting solutions. RDT prides itself on being a disruptive force in the insurance market and has been at the forefront of many pivotal technology innovations. This is still true today, as we continue to build industry changing products in our singular quest to ReDefine Tomorrow. To find out more about us and what we do click here www.rdt.co.uk.

As part of RDT's ongoing commitment to hiring the best people for every vacancy we have, we recognise that sometimes we need to be flexible and consider the particular needs of each applicant. If you think your skills and experience might match this role but need to work in a particular way; different hours or more flexibly – don't not apply, give us a chance to see if we can match what you need before you count us out of your job search.

The Senior Platform Engineer role at RDT

The Senior Platform Engineering role is at its heart a DevOps role but with a wide reach and proactive approach.

RDT is a forward-thinking organisation and as such we focus on the key elements of delivery that make us highly efficient such as Continuous Integration, Continuous Delivery and build and deployment automation. Unlike traditional software houses we don't just do this internally but bake it into our products to ensure that we provide our customers with our tools and experience also.

As part of the Technology team, that also includes Architecture and Innovation, the Senior Platform Engineer is a key role to shape, guide and implement the right platform for our products and teams. The role focuses on designing, building and supporting the RDT delivery teams to efficiently deliver the needs of the business and our clients along with driving innovation, consistency and efficiency in our software.

The role will need to support and influence key stakeholders, such as product owners, developers and operational teams to ensure our product and architecture strategies are understood, supported and ultimately delivered.

What you'll be doing

The role will therefore have the following responsibilities:

- Manage Core development and delivery systems such as Azure DevOps

- Manage builds, deployments, and configurations in production and pre-production environments
- Develop an understanding of the CI/CD Pipelines to automate and enhance SDLC
- Deliver a seamless CI/CD solution on premise and on Azure
- Maintain and implement industry best-practise for automated configuration, management and security
- Automate operations tasks to minimize manual steps to enable continuous integration and ultimately continuous delivery
- Partner with delivery teams to develop operationally sustainable CI/CD solutions
- Maintenance and configuration of source control environment, locally and in the cloud
- Participate in problem solving and troubleshooting for the assigned applications, functional areas or projects
- Design and maintain monitoring, measuring and alerting systems
- Liaising with Lead Platform Engineer to assess priorities of work streams & ensure deadlines are met
- Involvement in recruitment & interviewing as required

What we expect from you

Qualifications & Experience:

- A degree, similar level qualification or qualified by experience
- Proven experience of solution design and architecture in the successful delivery of complex, highly performing and highly scalable software systems
- You have a strong background working on agile projects, and you appreciate the value of rapid iterations
- Expert experience and knowledge of all aspects the Software Development Lifecycle.
- Proven track record of delivering innovative solutions on the current Microsoft Technology stack

Essential Skills:

- Solid experience of working in Microsoft Azure including provisioning and operating infrastructure in Azure
- Strength in DevOps recommended practices and supporting tools
- Working knowledge of Azure DevOps (CI, Release, ALM)
- Solid experience with Terraform and/or Azure Resource Manager (ARM) and managing infrastructure-as-code
- Experience designing and building robust CI/CD pipelines using YAML definitions
- Strong programming and scripting capabilities in PowerShell and PowerShell DSC
- Ability to build projects, run unit tests, run automated test framework within a CI system
- Experience with artefact repositories (NuGet, MyGet, Bower, NPM, Package Management)
- Experience with provisioning tools like Chef, Puppet or Ansible
- Experience with manual and automated testing and quality practices
- Experience with automation in dynamic environments such as IaaS and PaaS (on premises, hosted and hybrid)
- Physical & virtual server hardware, OS platforms, tool selection (containers, VMware)
- Experience with relational and non-relational databases
- Awareness of emerging DevOps and/or cloud technologies

- Experience of stakeholder management at all levels; both internally and externally with excellent influencing skills
- Ability to grasp issues of a business nature and explain technical issues in business or technical language
- Familiarity with, or ability to quickly grasp, the business drivers of our product strategy
- Sound commercial approach to identifying solutions and can demonstrate a pragmatic approach to problem-solving
- Team player with the ability and tolerance to work with others. Communication is a key element of a successful platform engineer
- Reliable, determined, highly motivated & proactive

Desired Skills:

- You are Microsoft Certified
- You have insurance experience
- Knowledge of distributed systems and Micro Service Architectures
- Experience of deploying and supporting Azure Service Fabric Applications and App Services
- Experience configuring centralized logging and application monitoring
- Robust SQL server knowledge and experience
- Active Directory, Certificate services, DNS, DHCP
- Knowledge of container virtualization and orchestration layers, like Docker and Service Fabric
- Ability to work at all levels of design conceptually, logically and physically when required
- Ability to multi-task to lead platform engineering on multiple projects
- Good level of commercial awareness, the ability to understand client propositions and promote cost effective solutions
- Strong risk management skills to manage risk through the project lifecycle
- Affinity for change. The ability to identify opportunities and lead others through organisational and technology change

What's in it for you?

You will be using the latest Microsoft technologies and tools to deliver market leading software to prestigious customers within the industry. RDT is a Gold Microsoft partner.

You will be working with sharp and innovative people who are dedicated and driven and more than happy to share their knowledge with you.

You will influence the direction RDT takes for software development and how we work. RDT will listen to new ideas and provide the opportunity for you to make a difference.