

What's it all about

> IS&C > Software Engineering

You will be responsible to integrate and automate the processes for software development using several technologies and ensure efficient and continuous delivery of software products that meet evolving business requirements of the organisation.

How you'll make a difference

By leveraging your technical expertise and domain knowledge, you will play a critical role in the deployment and integration of software systems, and enable the organisation to streamline business processes, improve operational efficiency and drive business growth to ultimately provide a quality service to our residents.

How you'll do it

- Implement scalable infrastructure solutions to handle varying workloads efficiently.
- Define and provision infrastructure through code using a number of tools to automate the process.
- Manage multiple environments ensuring they are consistent, secure and up to date.
- Develop, maintain and optimise CI/CD pipelines and integrate automated testing into CI/CD pipelines to ensure code quality and reliability.
- Implement monitoring solutions to monitor performance and set up alerts to detect and respond to issues proactively.
- Implement security measures and best practices including network security, identity management and data protection and ensure compliance with industry standards and regulations.
- Implement and manage backup strategies to ensure data protection and recovery.
- Develop and test disaster recovery plans to ensure business continuity.
- Optimise system performance and resource utilisation to ensure cost-effective and efficient operations.
- Estimate time requirements for tasks and manage timelines effectively.
- Maintain comprehensive documentation for infrastructure, processes and configurations and provide support to development and operations teams on DevOps best practices and tools.
- Identify potential risks and implement mitigation strategies.
- Stay abreast of emerging technologies, tools and industry best practices and provide recommendations for process improvements, tools enhancements and system optimisation to drive continuous improvement and innovation.
- Ensure that you follow and keep up to date with all relevant Notting Hill Genesis and statutory policies and related procedures including health and safety and financial regulations.
- Hybrid arrangements - at least three days a week in an office. On other days, working from home may be possible, depending on the work and the interaction required.

All about you

Behaviours for success

Our values set out what we stand for. -You'll need to show us how you match them and how you'll behave to ensure those are visible when carrying out your work.

- Compassionate
- Progressive
- Dependable
- Inclusive
- Empowered

For each value, we've created example behaviours to help you understand our expectations in more detail. Please [refer to the framework](#). This role is at **colleague** level

DevOps Engineer



Working better together
for our residents

Essential knowledge, experience and skills including qualifications and professional membership.

- Bachelor's degree in either computer science/Information Systems or equivalent experience
- Excellent communication and problem-solving skills, with the ability to influence internal and external stakeholders.
- Experience in agile methodologies including Scrum or Kanban.
- Capability to manage multiple tasks and projects simultaneously.
- Experience with Azure core services such as Azure Virtual Machines, Azure Integration Services, Azure AI services and Azure Data Services
- Working knowledge of Azure networking components such as Virtual Networks, Load Balances, VPN Gateways and Traffic Manager.
- Proficiency in programming languages such as PowerShell, C#, Python, or JavaScript for automating tasks and managing Azure resources.
- Working knowledge of managing databases in Azure including Azure Storage, Azure SQL Database, Cosmos DB and using data migration tools.
- Experience setting up CI/CD pipelines using Azure DevOps, GitHub Actions or similar tools to automate deployments and monitoring.
- In depth knowledge of using Azure resources Management (ARM) templates, Azure Bicep or Terraform to provision infrastructure through code.
- Experience of utilizing Azure Monitor, Azure Log Analytics and Application Insights to monitor application performance and troubleshoot issues.
- Experience of version control systems such as Git for managing codebase and collaborative development.
- Knowledge of Docker and Kubernetes for applications containerisation and orchestration.

- This role is subject to a **basic** criminal record check (CRB) issued by the disclosure and barring service (DBS)