



Person Specification

Systems Developer

SECTION	CRITERIA
Education & Qualifications	<ul style="list-style-type: none"> • Professional Qualifications (Or relevant demonstrable experience) <ul style="list-style-type: none"> ○ Software Engineering Degree or Microsoft Certified Developer (MCPD) ○ ITIL Foundation/Intermediate Certificate – Release, Control & Validation ○ PRINCE 2 Foundation/Practitioner ○ Evidence of continued professional development ○ An excellent standard of numeracy and literacy
Skills, Knowledge & Experience	<ul style="list-style-type: none"> • Willingness to acquire an in depth knowledge of Microsoft Dynamics CRM / Dynamics 365 • Ability to work on any of the phases that comprise the Software Development Lifecycle – mainly development, testing, deployment and maintenance/support • Solid .NET Full Stack development experience • Proficient in the C# programming language and use of the Visual Studio IDE • Quality-oriented and able to produce efficient, reusable and reliable code • Extensive experience developing with .NET frameworks v3.5 to v4.6 • Experience with the Entity Framework (v5 and greater) • Well versed in Web technologies (HTML, CSS, XML/XPath, JSON, HTTP, SSL/TLS) • Experience with ASP.NET MVC (v5) • Experience with IIS (v7 – v10) • Experience with Team Foundation Version Control • Solid experience with Javascript and exposure to frameworks such as Knockout.js

	<ul style="list-style-type: none"> • Proven competence of integrating .NET based applications with external systems • Strong Knowledge of Service Oriented Design - specifically creation and integration of Web Services based on the SOAP protocol as well as RESTful API design and implementation • Experience preparing and running unit and integration tests • Solid experience maintaining 3rd party source code • Desirable exposure to MS Dynamics CRM/Dynamics 365 or any other industry leading CRM System • Proven knowledge of relational databases including data model design and normalization • Proficient writing database queries and stored procedures with Transact-SQL • Experience with SQL Server 2008 – 2016 • Exposure to Batch scripting • Understanding of Windows server 2008 - 2012R2 and desktop technologies in a VMWare virtualised environment • Experience of Agile software development methodology • Experience of project management methodology and processes • Experience of proposing and delivering cost effective, viable solutions to complex technical problems • Solid logical thinking and problem solving skills • Strong self-learning skills with evidence of continued professional development • Highly developed communication, interpersonal and client engagement skills • Must be willing to work flexibly and outside of office hours as required to maintain system availability and meet project deadlines • Must have the experience and the ability to work independently • Commitment and understanding of VFM, and capable of delivering services with a clear and demonstrable focus on Value For Money • Ability and willingness to work flexibly in a highly technical team taking responsibility for the performance and availability of core systems <p>Solid planning and organisational skills to prioritise and meet deadlines</p>
Key Responsibilities of Role	
<ul style="list-style-type: none"> • To translate functional requirements into innovative and effective software solutions taking business objectives into account • To perform configuration, administrative and maintenance tasks on Microsoft Dynamics CRM/Dynamics 365 • To develop and maintain Microsoft Dynamics CRM/Dynamics 365 customisations, including entities, workflows, custom workflow activities, business process flows, business rules and plug-ins 	

- To integrate Microsoft Dynamics CRM/Dynamics 365 with other key IT solutions employed by the group, such as the Housing Management System and the Organisations Mobile Working System (1st Touch).
- To take responsibility for design, coding, testing and documentation of a range of systems, from small components to complex mission critical systems including prototypes
- To ensure that designs take full account of specified requirements and constraints and are appropriate to the target implementation and support environments
- To engage in workshops supporting requirement gathering activities
- To apply knowledge of usability, human factors, and the user experience, to design intuitive user interfaces ensuring that this adheres to corporate branding standards
- To proactively identify, document and implement creative and engaging system improvements
- To write and maintain bespoke system interfaces where required and appropriate
- To undertake functional and user software testing as part of the software development lifecycle
- To create simple but elegant user experiences across all technology platforms
- To support business senior stakeholder engagement throughout the project lifecycle
- To work with the Technology Manager to deliver the ICT service plan, contributing to and participating in the design and implementation of the plan to deliver new and improved services
- To work with the MS Dynamics Systems Developer to provide advice and expertise to the ICT Support Team
- To act as a technology champion for the wider group promoting technology solutions to address business problems.

Key Team Relationships

Key Internal working relationships are with:

- Technology Manager
- MS Dynamics Systems Developer
- IT Development Analyst
- Garden City Homes Team
- Repairs Service
- IT Support Service
- Colleagues and service users

Key External working relationships are with:

- Third party suppliers
- Partners / Agencies
- Contractors – providing agreed services on the Groups behalf