

Job Description

Job Title: Lead Developer
Job number: NCC HAY. CCC: CCC2052; MKC: JE1799
Grade: NCC – M /CCC - P3/MKC – J

Overall purpose of the job

Ensure that LGSS and its customers design and build digital services that are easy to use, reliable and secure.

Support LGSS and its customers by ensuring that digital technology meets the needs of users, and working across the digital team to ensure that all services are developed to meet user needs.

Take a lead role on various delivery teams developing user centred, beautiful and secure digital services and software.

Lead LGSS and its customers with through the development, deployment and support of digital services and applications from idea to production and beyond.

Provide leadership and mentorship to others in the digital services team.

Main accountabilities

Please list the accountabilities in descending order of priority. Please include 6-9 accountabilities.

Main accountabilities	
1.	Be an ambassador for digital services and experiences of the highest quality across LGSS and its customers, presenting internally to senior management and members and externally at conferences.
2.	Leading on software development for the LGSS digital service and LGSS customers, reporting monthly to the Head of Digital and LGSS customer programme boards where appropriate
3.	Building world class reliable and secure bespoke and innovative web products and digital services to serve a variety of user needs, providing value for customers.
4.	Design and implementing robust and secure APIs for internal and external use
5.	Be accountable to customers and the team for time and cost of services, producing realistic quotes and estimates for development.
6.	Develop tools, resources and software development frameworks to develop world class digital services and work to continuously improve these.

7.	Take a lead role in the design, build and implementation of a useful, robust automated test suite that works in Continuous Deployment environment.
8.	Being involved in the wider design and development community, identifying good practices we can adopt and sharing our experiences.
9.	Sharing knowledge of tools and techniques with the wider team, both developers, support analysts and non-developers
10.	Taking part in 3 rd and 4 th line support of applications, including occasional application support outside of office hours.
11.	Develop support plans for LGSS and its customer's digital services including providing quotations and costs for developments and ongoing services.
12.	Demonstrate awareness/understanding of equal opportunities and other people's behavioural, physical, social and welfare needs.
13.	Ensure that reasonable care is taken at all times for the health, safety and welfare of yourself and other persons, and to comply with the policies and procedures relating to health and safety within the department.
14.	Carry out any other duties which fall within the broad spirit, scope and purpose of this job description and which are commensurate with the grade of the post.

Safeguarding commitment *(Include for roles involving work with children/vulnerable adults)*

We are committed to safeguarding and promoting the welfare of children and young people/vulnerable adults. We require you to understand and demonstrate this commitment.

Person Specification

Qualifications, knowledge, skills and experience

Minimum level of qualifications required for this job

Qualifications Required	Subject	Essential/ Desirable
Degree	Computer Science / Software Development (or qualified by experience)	E
Certified Developer	Amazon Web Services / Microsoft Azure	D

Minimum levels of knowledge, skills and experience required for this job

Identify	Describe	Essential/ Desirable
Knowledge		E
Detailed knowledge of at least one server-side language (PHP, .NET, Java)	Knowledge of how to code the functionality, services and system integrations that make services work and join data together to create a service	E
Detailed understanding of front-end web development (HTML/CSS/JS)	Knowledge of how to build the screens, forms and services that users interact with, coding these components from scratch	E
Knowledge of using version control systems (SVN or Git)	Git and SVN are complex tools for managing software code. Developers need to track, automate, audit and maintain changes to code between many developers at the same time and version control tools enable this but require a high level of technical knowledge	E
Knowledge of relational databases (MSSQL, MySQL, PostgreSQL)		E
Knowledge of how to price and quote for development work.		E
Knowledge of non-relational (NoSQL) databases	NoSQL is a cutting edge, innovative way of storing data that requires a deep understanding of the way data is processed and stored. This knowledge is key to developing very cost efficient software	D
Skills		
Software development skills with the ability to build web applications using at least one server-side language (eg. PHP, .NET, Java) and competent		E

front-end web development skills (HTML/CSS/JS)		
Ability to develop applications for use with on premise data centre technologies		E
Ability to quickly research and learn new programming tools and techniques		E
An ability to communicate highly complex technical concepts to a non-technical audience		E
Ability to design, build and maintain secure public HTTP(s) APIs		E
Demonstrable skills in coaching and mentoring colleagues with both technical and personal development		E
Design / User Experience skills such as user journey mapping, prototyping		D
Ability to build digital services that can run on public cloud technologies and/or server-less architectures		D
Ability to write automated test suites for integration and unit testing		D
Experience		
Experience working on technical projects within a multi-disciplinary team	Teams include both technical and non-technical roles	E
Experience working using Agile methodologies (SCRUM/Kanban)		E
Experience mentoring and coaching colleagues		E
Experience of handling large data sets and scaling their handling and storage		D
Experience of producing pricing/quotations/options		D
Experience of working with automation, package management and build tooling (npm, Bower, Grunt/Gulp)		D
Safeguarding (include for roles working with children/vulnerable adults)	Demonstrate an understanding of the safe working practices that apply to this role.	
	Ability to work in a way that promotes the safety and well-being of children and young people/vulnerable adults.	