

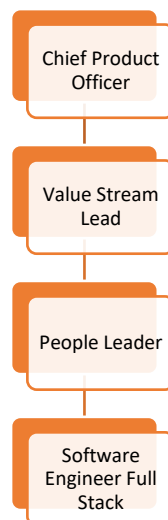
POSITION DESCRIPTION

Position Title: Software Engineer Senior Full Stack	Direct Manager: People Leader	
Budget Responsibility:	Direct Reports:	Indirect Reports:

WHAT YOU'RE HERE TO ACHIEVE

Key purpose: The Software Engineer (Senior Full Stack) will be part of an agile development team focused on building cloud-based products for a global market. The main objectives are software design and developing, debugging and maintaining source code.

WHERE YOU'LL FIT IN #TEAMGALLAGHER



WHO YOU'LL BE WORKING WITH

INTERNAL RELATIONSHIPS	EXTERNAL RELATIONSHIPS
Project team, Project Manager?, other Software Engineers, Test Analysts, Value Owners, Technical Support, Customer Support, Release Management, Other Delivery Teams	customers, Channel Partners, Technical Account Managers, Industry stakeholders eg Technology Partners

WHAT YOU'LL BE DOING

Created/ Edited:
By:

Key Accountabilities	Outcomes/ Expectations
Technical Expertise	<ul style="list-style-type: none"> • Establish technical feasibility for assigned projects. • Create, document, and maintain technical design approaches that meet the functional, cost, time and quality requirements. • Use diagrams (e.g. Component, Class, State and Sequence diagrams) as appropriate to convey key software structural and behavioural characteristics. • Clearly articulate problems and propose solutions, along with corresponding advantages and disadvantages. • Analyse system performance and recommend improvements. • Develop assigned software components using appropriate languages and tools. • Break down tasks into their constituent parts and estimate the amount of work involved in completing tasks. • Complete assigned tasks within a reasonable time frame. • Provide software support to existing product.
Quality	<ul style="list-style-type: none"> • Adhere to agreed coding standards and practices, such as code reviews, automated testing, and unit tests. • Produce high-quality software components with a low defect rate. • Lead/manage defect investigations which result in prompt problem resolution. • Take ownership of the quality of individual output. • Continuously improve the quality of the product.
Process	<ul style="list-style-type: none"> • Follow the internal software development process for your project(s) as specified by your Project Manager/Team Leader. • Ensure tasks that are assigned during the project are kept updated and are completed in a timely manner. • Work effectively and efficiently within the team environment to help ensure the successful achievement of project goals. • Anticipate obstacles or roadblocks that could impact strategy execution and find creative ways to overcome them
Continuous Improvement	<ul style="list-style-type: none"> • Stay up-to-date with trends and developments relevant to the position. • Be proactive in developing and continuously improving knowledge and skills. • Take responsibility for your own learning and development through a process of assessment, reflection, and taking action. • Mentor other developers and contribute to knowledge sharing in the engineer's area(s) of expertise. • Present results of research and investigations, as well as in-development and completed projects, at developer seminars, team demonstrations, and software team meetings.

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| | <ul style="list-style-type: none">• Review project-related designs and provide feedback where appropriate. |
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Including any other duties not specified that may be required to complete the role, and as requested by the Reporting Manager.

HOW YOU'LL BE DOING IT

Qualifications Required:

- A relevant tertiary qualification.

Experience Required:

- Min. 5 years of commercial development experience.

Knowledge/Skills/Abilities Required:

- Proficient with .Net Core, C#, ASP.NET Core (or equivalent stack on other platform, e.g. Spring), Web Services, REST API's
- Sound knowledge of writing application for containerized environments, i.e. Docker, Kubernetes
- Excellent knowledge of SQL databases – PostgreSQL, SQL Server or similar
- HTML5, CSS and a modern front-end JavaScript framework such as React or Angular
- Experience working in an Agile software development environment is a must
- Experience with security aspects of web development, including OWASP, CORS policy, etc.
- Sound knowledge of cloud application development best practices

Knowledge/Skills/Abilities Desirable:

- AWS experience, including experience with Continuous Integration/Delivery
- Experience with mobile application development including both iOS and Android.
- Experience with automated testing, such as unit tests, automated API tests, UI automation, and other such techniques to improve the quality of software.

Protect what matters most.

Our purpose and our values apply to our extended Gallagher family including our employees, customers, partners and community.

