

## Senior IT Developer

Reports to: Chief Architect

### Job purpose

The Snr IT Developer is responsible for the development (incl. low-level solution design) and maintenance (Level 3) of IT solutions in their given area. The individual will be a full stack developer specialising in in Microsoft Azure / .NET technologies, adopting MOSL's chosen delivery methodology to drive the delivery of high-quality solutions in a cost-effective manner. They will model delivery excellence for more junior members of the team (and engaged partner resources), providing technical guidance/review and striving for continual process improvement.

### Key accountabilities (operational, financial and people)

- ◆ Working closely with customers, business analysts, and team members to understand the business requirements and to drive the design and development of high-quality technical solutions.
- ◆ Provide quantified delivery estimates for assigned changes/projects. This will include challenging estimates provided by external development partners.
- ◆ Deliver functionality that meets the defined functional and non-functional requirements within committed timescales and budget. This will include definition, maintenance and execution of unit test cases.
- ◆ Provide Level 3 Application Support, exercising troubleshooting and methodical diagnostic skills to resolve issues. In some cases, you may be expected to provide 'out of hours' support.

- ◆ Ensure solutions comply with MOSL's architectural standards and seek formal exceptions where appropriate. Ensure code is developed in line with agreed coding standards, such that we deliver maintainable & performant code.
- ◆ Model best practice in your own deliver, acting as a role model for more junior (and 3<sup>rd</sup> party) members of the development team. This includes consistently exceeding the defined development KPIs in your own delivery and supporting more junior members in the same vain.
- ◆ Be a technical leader in your technology area (e.g. .NET), responsible for code reviews of work delivered by more junior members of the development team (both internal and partner resources).
- ◆ Creation of technical documentation, in line with agreed SDLC and documentation standards.
- ◆ Where appropriate, you should be able to lead the delivery of Continuous Integration in an Agile environment.
- ◆ Lead the trial and rollout of new software delivery processes and techniques.
- ◆ Responsibilities may include participation in solution design, performance monitoring, product evaluation and buy versus build recommendations.

## Capability, knowledge and experience

- ◆ In depth technical knowledge of the following technologies:  
.NET Framework, .NET Core, C#, Entity Framework, Angular, Active Directory, Azure Devops, CI/CD pipelines, SQL Server, T-SQL
- ◆ An in depth understanding of the full Software Delivery Lifecycle (ideally in both waterfall and agile models).
- ◆ Experience of developing and deploying IT solutions in complex environments and aligned to multiple delivery methodologies.
- ◆ Demonstrable experience in the timely delivery of development programmes/projects.
- ◆ Experience of delivering with vendor teams would be beneficial, ideally with an offshore component.
- ◆ Prior management, supervisory and/or team leadership experience is beneficial.

## Personal Characteristics

- ◆ Individual must possess a strong technical aptitude and the ability to apply their knowledge to new technologies which they may not be familiar with.
- ◆ The individual must be comfortable with objectively challenging their peers and superiors to ensure adherence to agreed quality standards (this equally applies to vendors).
- ◆ Whilst robustness and integrity are important, the individual must also be pragmatic and able to adapt to the needs of the business.