

Job Description

Job Title:	Software Solution Architect	Job Holder:	N/A
Division:	Engineering	Grade:	PC
Discipline Area:	Software	Last Updated:	28/11/23

Job Purpose:
To provide the technical leadership for new and existing software products and software elements of complex multi-discipline systems
Responsibilities:
<p>The job holder will be responsible for:</p> <ul style="list-style-type: none"> • Designing software solutions for complex, multi-discipline, projects. • Generating software requirements and ensuring traceability. • Creating architectural models, using UML tools, for software components. • Being the software authority on projects. • Overseeing the entire software development lifecycle on projects. • Working with lead developers to facilitate software design. • Liaising with entire project teams to deliver solutions.
Key Result Areas:
<p>The jobholder will be expected to:</p> <ul style="list-style-type: none"> • Demonstrate a breadth of knowledge covering the SDLC, best practices, architectural patterns, modern technologies, networking, requirements management and software testing. • Be fluent with the generation of UML-based architectural models. • Have a proven background in software development, covering a variety of projects and technologies. • Be proficient with proactive, clear communication and adept at collaborating with large project teams. • Have excellent attention to detail with the ability to use analytical skills to decompose solutions into logical plans. • Have an understanding of business practices, software scheduling, and estimating. • Have a strong C# .net software development background.

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Bid and Enquiry Support (30%)

- Produce technical responses and proposals for identified opportunities.
- Provide estimates for technical work packages to deliver proposed solutions.
- Identify and define technical solutions to identified opportunities.
- Support Business Development in customer meetings.
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Values:

- **Safety First** – We operate safely and responsibly, protecting each other and the environment.
- **One SEA Team** – We are in this together. One team, working ethically, respectfully & professionally. We take responsibility and challenge each other constructively
- **People Focussed** – We all contribute to making our culture one that is supportive and empowering; where everyone can grow and develop, feel valued and rewarded. We prioritise a healthy work-life balance
- **Delivery Excellence** – We exceed our commitments by delivering timely, quality outputs whether that’s for each other or our clients and partners. We are always looking for ways to innovate and continuously improve
- **Trusted Partners** - We partner strategically, collaboratively and always with integrity, whether that is between us inside SEA or externally

Training: (if applicable)

Every engineer has a Personal Development Plan agreed with their Head of Discipline that identifies training needs included in the company training plan

Reporting Line

The jobholder will report to the Head of Software Engineering



A COHORT PLC COMPANY

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Job Location

The job can be located at any SEA site.

Job Holder Declaration:

I accept the purpose and key result areas of my role with SEA are as outlined above.

Signature: _____ Date: _____

Line Manager Declaration:

I confirm that the purpose and key result areas of this role are as outlined above have been agreed with me as line manager.

Signature: _____ Date: _____