



**Role:** IT Architect  
**Area:** Architecture, Delivery & Service Performance Team  
**Sub-Area:** Architecture Team  
**Location:** Dublin / Cork

**Duration:** Permanent **Salary:** Competitive **Ref:** 244S18

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Ervia is a commercial semi-state company which provides strategic national gas and water infrastructure and services in Ireland. Through our regulated business, Gas Networks Ireland, we build and operate one of the most modern and safe gas networks in the world. In 2014, we took responsibility for the operation and maintenance of Ireland's water and wastewater assets through our other regulated business Irish Water. Ervia directly employs over 1,600 people who deliver services to 1.6 million customers daily. We are guardians of the national assets and experts in our field. Our infrastructure supports economic and social development, protects the environment and enhances the health and quality of life of the Irish people.

### **The Role:**

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The primary role of the IT Architect will be to provide guidance to IT teams and projects in relation to the effective use of technology systems, applications, data, infrastructure, and cloud services that best meet business requirements and ensure alignment with Ervia's overall business and IT strategies. The IT Architect will be expected to pro-actively ensure that, where feasible, various technology options are presented to meet new business requirements, and that the implications of each option are clearly articulated to business and IT stakeholders.

Reporting into the IT Architecture Manager, the IT Architect will have responsibility for ensuring that overall Ervia IT architecture frameworks (technology, infrastructure, application, data, mobile, cloud, and general solution architecture) are implemented effectively with the overall objective of translating complex business problems into sound and cost-effective technical solutions.

### **Duties and Responsibilities:**

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- Maintain architecture standards required to deliver business requirements for new and existing services.
- Define how the different architecture components interact from an end to end solution perspective.
- Ensure the architecture design at project/ programme level is aligned with the Ervia architecture standards.
- Support project, infrastructure and/or application teams throughout the project lifecycle.
- Working closely with project managers, ensuring timeliness, cost and quality of IT project deliverables, as well as solution-level risk identification and mitigation.
- Carry out solution design reviews to ensure conformance to architecture standards.
- Work closely with Enterprise Architecture team to coordinate migration of the IT architecture towards a target state over time in line with EA roadmaps and prioritised project initiatives.
- Identify gaps or underperforming elements in enterprise IT solutions and work with the Enterprise Architecture Team to develop capabilities to fill those gaps.
- Research, document and maintain the existing and future reference architecture artefacts.
- Develop and maintain architecture models, baselines and roadmaps within Business Operations.
- Ensure IT solutions enhance flexibility, consistency, integration, and reuse for our customers.
- Improve the management of all information systems and IT infrastructure.
- Ensure the exploitation of IT assets across the enterprise is effective and efficient.
- Participate in the budget and price review cycle.
- Keeping abreast of architecture leading practice and industry standards.
- Assess the interaction / interface between applications, databases, and middleware systems to identify and address problems / gaps in functional coverage.

- Active participation in the Ervia Architecture Governance structures.
- Assist the development of data governance processes and develop business data rules (working in partnership with the business and Information Security & Data Protection teams).
- Develop common and standard data domain definitions.
- Input to IT risk management and business continuity strategy and planning Ervia's risk management and business continuity processes.
- Perform other duties as required from time to time.

### **Knowledge, Skills and Experience:**

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- 5+ years of experience in architecture design, application development and project management with proven architecture modelling skills.
- Experience of the domain architecture standards and components across one or more domains (infrastructure, data, applications, integration, cloud, mobile, end-user computing or solution architecture).
- Previous experience and proven track record in an architecture context - formal certification would be an advantage (e.g. TOGAF or Zachman) as would knowledge and experience of architecture disciplines, processes, concepts and best practices.
- Knowledge of open source and commercial landscape of mainstream applications and frameworks and experience with cloud architectures desirable.
- Experience designing technical, application or data architecture and standards enforcement.
- Holistic understanding of the business and technical environment.
- Hands on experience in delivering solutions across the full software development lifecycle (SDLC) and ability to work closely with other teams in the delivery of IT solutions to business requirements.
- Knowledge and experience of the complete Project Lifecycle (assessment/feasibility, business case development, implementation planning and business case realisation).
- Demonstrable desire for continuous learning, particularly with regards to emerging technologies.
- Ability to translate strategic priorities into operational reality, demonstrating strong decision-making skills.
- Previous experience with initiating and maintaining strategic relationships both internally and externally, using strong influencing skills to achieve business goals.
- Provide coaching in the development of the technical skills and abilities in others.
- Excellent analytical and problem-solving skills with the ability to deliver innovative technical solutions.
- A good understanding of business operations and the commercial viability and impact of technical / professional decisions on the performance of the organisation.
- Driver of high standards for individual, team and organisational accomplishment and delivering desired results.
- Proven track record with dealing with complex issues, proactively and in a timely fashion, along with the ability to communicate complex information to others.
- Experience dealing with external vendors and stakeholders.

**The closing date for receipt of applications for this vacancy is 10<sup>th</sup> January 2019**

Applications, including a current Curriculum Vitae should be emailed to: [recruit@ervia.ie](mailto:recruit@ervia.ie)

**\*Please include the Reference Number for this Role when making an application\***