

The logo for 'enzen' is a white hexagon with a thin white border, containing the word 'enzen' in a lowercase, sans-serif font. It is positioned on an orange background that has a decorative, angular shape extending from the left edge of the page.

System Architect

Band: 4.1 - Principal Consultant

Location: Flexible

Hybrid: Travel to client office when required

Reports to: Bob Thompson-Smith - Head of Architecture

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About Enzen

Enzen is a global knowledge enterprise that focuses on gaining, refining and sharing expertise in the energy and utility sector. It provides strategic advisory and delivery of outcome-driven solutions to leading businesses, governments, non-governmental organisations and not-for-profits.

We work with customers across the value chain to deliver sustainable and lasting improvements to their efficiency and performance, adding value to their bottom line. Enzen is unique in providing a wide range of strategic advisory, engineering services and solutions end-to-end for the power, water, gas and renewable energy sectors, supported by our specialised Centres of Excellence.

Founded in 2006, the business has since grown and developed across the globe, with a presence in Australia, India, Portugal, Spain, Turkey, the UK and USA.

Role Summary

Enzen is a consulting, technology, engineering and innovative service provider for utility customers within the UK and across other geographies. We are currently recruiting for a system architect to support our busy Enterprise Architecture CoE reporting to the Head of Architecture in the UK.

Key Responsibilities

- Work with multiple clients
- Oversee the end to end design of systems ensuring that each design fulfils the needs of the business
- Be accountable for the definition of designs across all areas of the technology stack e.g. applications, infrastructure, networks, security, business etc
- Champion architectural approaches and standards across our business using reusable design patterns and approaches
- Provide advice and support to project and delivery teams on the implementation of your designs
- Have responsibility for making sure that our client's systems are delivered according to your design and to an appropriate standard
- Provide pre-sales solutions to client requirements and support the new business development teams

Desired Experience

- **System Architectures.** You have a solid understanding of common application architectures and their associated development approaches including integration with other applications. You will have a good understanding of system design patterns such as You will have a detailed knowledge of some large scale applications such as MS Dynamics or SAP and can undertake system analysis to develop solutions to customer problems. You will be experienced in cloud deployments.
- **System Development:** You are able to advise and direct development approaches including agile, TDD and/or DevOps
- **Communication skills.** Exceptional communications skills with the ability to explain complex subjects in terms that even senior managers can understand. You can mediate between people and mend relationships, communicating with stakeholders at all levels. You can manage stakeholders' expectations and facilitate discussions across high risk or complexity or under

constrained timescales. You know how to speak on behalf of the industry, to large audiences both inside the organization, clients and with relevant third parties.

- **System integration:** You will have a solid understanding of systems involving multiple applications and their methods of integration. You will be able to clearly explain the benefits of different types of integration approaches and be able to design a solution to implement it. You will have exposure to integration tools such as message buses or other MOM systems.
- **Enterprise Modelling.** You will be familiar with the methods and at least one tool for capturing an enterprise model using a standard terminology and approach such as TOGAF. You will have built such models that cover the business, technology and information architectures and used them with clients. Familiarity with BPMN would be an advantage.
- **Information Systems Architecture.** You can design approaches for management of systemwide data and ensure data governance supports changes to the client's strategy. You can align data governance with wider governance (for example, budget). You can assure clients by understanding important risks and mitigation through assurance mechanisms. Specialist knowledge in enrichment of data through approaches such as NLP linking of unstructured data or image analysis would be an advantage.
- **Security Architecture.** You understand the approaches for the delivery of a secure projects to standards such as ISO27001
- **Business led approach.** You understand that IT serves the business and that less interesting approaches may serve the customer better than the latest thing. Changes to a business should always produce measurable business value/benefit.
- **Standards approach.** You develop and set processes and standards for an organization so that architectural tasks can become repeatable and consistent. You mentor and train junior architects in the use of these processes and procedures, freely sharing in your own knowledge and experience.
- **Problem resolution.** You can anticipate problems and know how to prevent them (often referred to as antipatterns). You understand how a problem fits into the larger picture. You can articulate the problem and help others to articulate the problem. You build problem-solving capabilities in others
- **Strategic thinking.** You can lead the design and implementation of strategy, directing the evaluation of strategies and policies to ensure business requirements are being met
- **Utility knowledge:** In depth knowledge of the utilities market, Operational Technology (OT) such as SCADA and widely used applications such as Maximo would be a definite advantage.
- **Development:** Ability to lead a development and even code if required. Exposure to Scrum and SAFe approaches would be an advantage
- **Cloud platforms:** In depth experience of AWS or Azure
- **System Monitoring:** Approaches to monitor and measure a system including synthetic performance testing.