



Vacancy Announcement

Solution ARCHITECT (Data) / Data Architect (NOC*)

This position is open to only Indian Nationals. This is a 2-year contract (further renewals will be subject to terms and conditions)

We are at the cusp of creating history through steering the globe out of its fossil fuel dependence! We are looking for stars like you, who can thrive, contribute, and excel. Can you help lift our organisational data capability to enable our people to do what they do best? Deliver amazing Stakeholder experiences? Support our growth, and increase the value for our member countries? And do it all in such a way that it is completely sustainable for ISA and our data practice. Then please read...

Your New Organisation

The International Solar Alliance (ISA) is an international organisation, co-founded by France and India. The ISA is a 112 member-state organisation, headquartered in Gurgaon, National Capital Region of India. At ISA, we are inspired by the thought of easing solar deployment globally. We are transforming the energy sector from fossil based to a zero-carbon solar energy source. We are establishing a dedicated platform of cooperation among solar rich countries where the global community, including bilateral and multilateral organizations, corporates, industry, and other stakeholders, can make a positive contribution to the solar energy transition. We are helping our Member States meet their energy needs in a safe, convenient, affordable, equitable and sustainable manner.

Your New Role

Reporting to the Chief of Unit, Knowledge Management & Capacity Building or a designated officer, this newly created position brings with it all from being ISA's lead information visionary to the real time data guru. You will hold accountability for enterprise information management, including shaping the data domain for the ISA at an enterprise architecture level. You will work closely with ISA's stakeholders, the

KMID, the IT teams and others in the tech and architecture practices to ensure ISA has secure, reliable and scalable solutions for data management.

Your Broader Scope of Work (but not limited to)

- Understand ISA's product roadmap, processes, technology standards, security and compliance standards
- Define and support the delivery of ISA's enterprise data technology roadmap – this will be part of the overall roadmap to deliver great user experience for ISA (and other stakeholders)
- Leverage the latest technologies, to design best-in-class, scalable, flexible and secure data environment
- Discover and define sources of information both internal and external. This includes structured and unstructured data.
- Design and implement data models to store and disseminate information relevant to ISA. This should support ISA's information architecture and user experience requirements, data security and compliance mandates.
- Design and implement APIs to extract relevant information from external sources.
- Work with IT partners to plan and rollout product increments.
- Responsible for defining and managing budgets related to IT data spend. This includes identifying cost effective data storage solutions and alternatives (e.g. On prem, cloud, Edge)
- Identify potential user experience enhancements and building POCs (e.g. Search, Mining, Analytics, AI)
- Regularly maintain and communicate up-to-date knowledge of approaches, technology standards, energy industry trends, the need for skills-change, and emerging technologies within ISA's area of expertise;
- Regularly maintain/support effective data governance policies, procedures, standards, and guidelines.

Education

- Ideally a minimum of bachelor's degree in either Computer Science, Computer Engineering, or a related field.

- Additional Training/certified programs in application designing, data development, systems analysis and technology architectures will be well regarded.

What you will need to succeed

We really want to speak with people who have real world experience in implementing data applications & data use cases. Additionally, you should be able to clearly showcase how you have;

- Worked for at least 5 years as a data architect, in an agile and fast paced environment with demonstrated ability to quickly realign priorities while working towards the long-term goals of the organization.
- Experience building data eco-systems in the energy sector will be a big plus. Experience with Knowledge Management systems will be ideal.
- Knowledge of and implementation of data warehouses and data lakes will be ideal.
- Conveyed information to, and influenced, those in the wider architecture practice and business stakeholders, including senior leadership
- Built and maintained constructive, collaborative relationships with global stakeholders including government and non-government entities
- An excellent ability to design and implement complex Enterprise Data models/ Schemes/ Flows and Pipelines including process, storage and distribution
- Strong skills and experience in data governance, data quality, data integration and data security, and cyber security.
- A good understanding of traditional database technologies and large-scale enterprise systems (e.g., SAP ERP) and also the latest cloud-based data technologies (e.g., AWS solutions).
- Good to have knowledge and experience in designing and implementing Data Warehouses.
- A good understanding of data visualization tools (e.g., Power BI, Tableau).
- Outstanding communication skills, and the ability to influence, and build strong relationships and trust with technical experts, and senior business stakeholders.

Languages

The role demands substantial writing and verbal communications skills. As English is the official and working language of the Organization, excellent command of both written and spoken English is required. Knowledge of other languages (i.e., French, Spanish and Arabic) would be an advantage. The role demands substantial writing and verbal communications skills. Satisfactory skills in Outlook, MS Office products, and experience with the various ERP systems required to manage this role is required.

Your Place of Work (if successful with the recruitment process)

This role will be based out of the Secretariat of the ISA, Gurgaon, Haryana State, or at the ISA's facility in Delhi, India or any other facility deemed necessary by the ISA.

Your pay and benefits

The ISA offers a competitive remuneration package (salary and benefits) guided by the UN Common System; ISA aims to become an employer of choice. Consequently, ISA offers competitive salary and benefits.

At ISA, we value a diverse, inclusive workforce and provide an equal employment opportunity for all our employees and applicants. We will consider all qualified applicants without regarding an individual's race, color, gender/gender expression/orientation, and religion.

The ISA seeks to obtain and retain a staff reflecting its geographical representation and diversity and as such, primarily prefers and recruits staff from its member countries. The ISA maintains a retirement age of 65 years.

Applications close: 15 December 2023 at 12 midnight IST

Please **apply** in confidence by email: careers.isa@talenttribeconsulting.com Your application should include a cover letter no more than 2 pages and your CV. Further information on the recruitment process, the guidelines etc. can be found under the weblink: <https://isolaralliance.org/careersatisa/vacancies>

* <https://info.undp.org/gssu/onlinetools/SalCalcLocal/SalCalcLocal.aspx>